



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 113916

TO: Phillip Gambel
Location: Rem 3e81 / 3c70
Wednesday, February 11, 2004
Art Unit: 1644
Phone: 272-0844
Serial Number: 09 / 751797

From: Jan Delaval
Location: Biotech-Chem Library
Rem 1A51
Phone: 272-2504

jan.delaval@uspto.gov

Search Notes

SEARCH REQUEST FORM

113916

Requestor's Name: _____ Serial Number: _____
Date: _____ Phone: _____ Art Unit: _____

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

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Date completed: 2/10/64

Searcher: Law

Terminal time: _____

Elapsed time: 13 + 40

CPU time: _____

Total time: _____

Number of Searches: _____

Number of Databases: _____

Search Site

☒ STIC

☐ CM-1

☐ Pre-S

Type of Search

☒ N.A. Sequence

☐ A.A. Sequence

☐ Structure

☐ Bibliographic

Vendors

☐ IG

☐ STN

☐ Dialog

☐ APS

☐ Geninfo

☐ SDC

☐ DARC/Questel

☒ Other

1	1119	100.0	1119	9	US-09-751-797-7	Sequence 7, Appl
2	1107.8	99.0	1166	13	US-10-256-977-3	Sequence 3, Appl
3	1107.8	99.0	1166	13	US-10-084-298-3	Sequence 3, Appl
4	1047.8	93.6	1111	9	US-09-751-797-9	Sequence 9, Appl
5	993.2	88.8	1050	15	US-10-090-365-40	Sequence 40, Appl
6	993.2	88.8	1050	15	US-10-104-919-42	Sequence 42, Appl
7	768.4	68.7	7748	13	US-09-746-375-37	Sequence 37, Appl
8	601.4	53.7	7445	9	US-09-751-797-8	Sequence 8, Appl
9	555.2	49.6	5935	9	US-09-751-797-29	Sequence 29, Appl
10	535.2	47.8	1191	13	US-10-256-977-1	Sequence 1, Appl
11	535.2	47.8	1191	15	US-10-084-298-1	Sequence 1, Appl
12	524.8	46.9	1152	10	US-09-870-574-1	Sequence 1, Appl
13	524.8	46.9	1152	12	US-10-232-226-243	Sequence 243, App
14	524.8 ^c	46.9	1152	12	US-10-230-130-243	Sequence 243, App
15	524.8	46.9	1152	13	US-10-063-735-153	Sequence 153, App

121	ATTGCCCTGTGGGCCCCAGGAGGCAATGGCGTGCCTGCAACCCGGGTGCAAGCTTGAG	180
181	GTGTCCAACTTCAGCAGACCGTACATGTCACACCGCAGCCTTTATGTGTGCCCAAGAGGCC	240
181	GTGTCCAACTTCAGCAGACCGTACATGTCACACCGCAGCCTTTATGTGTGCCCAAGAGGCC	240
241	AGCCTTGCGATTAACAACAACAGACGTCGGCTCATCGGGAGAACTGTTCGAGAGTCC	300
241	AGCCTTGCGATTAACAACAACAGACGTCGGCTCATCGGGAGAACTGTTCGAGAGTCC	300
301	AGTGCCTAAAGATCAGTGTCTACCTGTATGAACAGCGTCTCAACTTCACCTCGGAAGACGTT	360
301	AGTGCCTAAAGATCAGTGTCTACCTGTATGAACAGCGTCTCAACTTCACCTCGGAAGACGTT	360
361	CTGCTCCCCAGTCAGACAGGTTCCAGCCCTCATATGACGAGAGTGTGTACTCTTCTGTGACC	420
361	CTGCTCCCCAGTCAGACAGGTTCCAGCCCTCATATGACGAGAGTGTGTACTCTTCTGTGACC	420
421	AAACTCAGCAATCAGCTCAGCTCTGTGTACATCAGCGGTGACGACACAGCAACATCCAGAAG	480
421	AAACTCAGCAATCAGCTCAGCTCTGTGTACATCAGCGGTGACGACACAGCAACATCCAGAAG	480
481	AATGTCAGAAAGCCCTGAAGGACAGAGTGAAGAAAGCTTGGAGAGAGTGAGAGATCAAGCGC	540
481	AATGTCAGAAAGCCCTGAAGGACAGAGTGAAGAAAGCTTGGAGAGAGTGAGAGATCAAGCGC	540
541	ATTGGGGAACGTGGACCTGTGTTTATGTCTCTGAGAAATCTTGCCTCTGAGCGAGAAAG	600
541	ATTGGGGAACGTGGACCTGTGTTTATGTCTCTGAGAAATCTTGCCTCTGAGCGAGAAAG	600
601	AGCTAGAAAAACGAAAGAACTGCTCCTCTGCTTCTTAAAAAGAACAAATAGATCCCTGAA	660
601	AGCTAGAAAAACGAAAGAACTGCTCCTCTGCTTCTTAAAAAGAACAAATAGATCCCTGAA	660
661	TGGACTTTTCTTAAAGAAAGTGAGAGCTTAACGCTCCATCATCATTAAGAAGATTCCAC	720
661	TGGACTTTTCTTAAAGAAAGTGAGAGCTTAACGCTCCATCATCATTAAGAAGATTCCAC	720
721	ATGAAACCTGGCTCAGTTTGAAGAAAGAAATAGTGTCAAGTTGTCCATGAGACACAGAGTTA	780
721	ATGAAACCTGGCTCAGTTTGAAGAAAGAAATAGTGTCAAGTTGTCCATGAGACACAGAGTTA	780
781	GACTTGATAACCAACAAGATTCAITGACAATATTTTATGTGCACTGATGATACAAAGAA	840
781	GACTTGATAACCAACAAGATTCAITGACAATATTTTATGTGCACTGATGATACAAAGAA	840
841	AAATAAATCTCTTTTAAAGAAATGTTTGAAGAGAGGTTACCTCTCATTTCTTTAGAAAAA	900
841	AAATAAATCTCTTTTAAAGAAATGTTTGAAGAGAGGTTACCTCTCATTTCTTTAGAAAAA	900
901	AGCTTATGTAACTTCATTTCCATATCCCAATATTTTATATGTAAGTTTATTATTATATA	960
901	AGCTTATGTAACTTCATTTCCATATCCCAATATTTTATATGTAAGTTTATTATTATATA	960
961	GTATACATTTTATTTATGTCTGATTTTAAATATGGAATTTTATAGAAATATTATCTGC	1020
961	GTATACATTTTATTTATGTCTGATTTTAAATATGGAATTTTATAGAAATATTATCTGC	1020
1021	TATTGATATTTTAGTATATAGGCAAAATAATTTATGACAAATAACTATGGAACAAGATATC	1080
1021	TATTGATATTTTAGTATATAGGCAAAATAATTTATGACAAATAACTATGGAACAAGATATC	1080
1081	TTAGGCTTTTAAATAACATATGATATCAATAAAAAAAA	1119
1081	TTAGGCTTTTAAATAACATATGATATCAATAAAAAAAA	1119

RESULT 2
US-10-256-977-3
; sequence 3, Application US/10258977
; Publication No. US20030157106A1
; GENERAL INFORMATION:

APPLICANT:	Jacobs, Kenneth	Query Match	99.0%;	Score	1107.8;	DB	13;	Length	1166;
APPLICANT:	Fittman, Debra	Best Local Similarity	99.4%;	Pred.	No. 3e-228;				
APPLICANT:	Fouser, Lynette	Matches	1112;	Conservative	0;	Mismatches	7;	Indels	0;
APPLICANT:	Spaulding, Vikki								
APPLICANT:	Xuan, DeJun								
TITLE OF INVENTION:	Composition and Method for Treating Inflammatory								
TITLE OF INVENTION:	Disorders								
FILE REFERENCE:	G15358 CIP								
CURRENT APPLICATION NUMBER:	US/10/256,977								
CURRENT FILING DATE:	2002-09-27								
PRIOR APPLICATION NUMBER:	US/10/084,298								
PRIOR FILING DATE:	2002-09-10								
PRIOR APPLICATION NUMBER:	60/270,823								
PRIOR FILING DATE:	2001-02-23								
PRIOR APPLICATION NUMBER:	60/281,353								
PRIOR FILING DATE:	2001-04-03								
PRIOR APPLICATION NUMBER:	60/131,473								
PRIOR FILING DATE:	1999-04-28								
PRIOR APPLICATION NUMBER:	09/561,811								
PRIOR FILING DATE:	2000-04-28								
NUMBER OF SEQ ID NOS:	10								
SOFTWARE:	PatentIn Ver. 2.1								
SEQ ID NO	3								
LENGTH:	1166								
TYPE:	DNA								
ORGANISM:	Murine								
US-10-256-977-3									
QY	1	TAAACAGGCTCTCCCTCTCACTTATCAACTGTGTGACACTTGTGCGATCTGTGATGGCTGTC	60						
DB	24	TAAACAGGCTCTCCCTCTCACTTATCAACTGTGTGACACTTGTGCGATCTGTGATGGCTGTC	83						
QY	61	CTGCAGAAATCTATGAGTTTTCCTTATGGGAGCTTTGGCCGCCAGCTGCTGCTTCTC	120						
DB	84	CTGCAGAAATCTATGAGTTTTCCTTATGGGAGCTTTGGCCGCCAGCTGCTGCTTCTC	143						
QY	121	ATTGCCCTGTGGGCCCCAGGAGCAATATGCGCTGCGCTCAACACCCCGTGAAGTTTGAG	180						
DB	144	ATTGCCCTGTGGGCCCCAGGAGCAATATGCGCTGCGCTCAACACCCCGTGAAGTTTGAG	203						
QY	181	GTGTCCAACTTCAGACGCGCTACATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCC	240						
DB	204	GTGTCCAACTTCAGACGCGCTACATCGTCAACCGCACCTTTATGCTGGCCCAAGAGGCC	263						
QY	241	AGCCTTGCAGATAACAACACAGAGTCCGGCTCATTCGGGGAGAAACTGTTTCGAGGATC	300						
DB	264	AGCCTTGCAGATAACAACACAGAGTCCGGCTCATTCGGGGAGAAACTGTTTCGAGGATC	323						
QY	301	AGTGCTAAGATCAGTGCTACTCATGAAGCAGGTGCTCAACTTTCACCCCTGGAGACGTT	360						
DB	324	AGTGCTAAGATCAGTGCTACTCATGAAGCAGGTGCTCAACTTTCACCCCTGGAGACGTT	383						
QY	361	CTGCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACAGAGGTGGTACCTTTCTGACC	420						
DB	384	CTGCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACAGAGGTGGTACCTTTCTGACC	443						
QY	421	AAACTCAGCAATCAGCTCAGCTCCTGTGCATCAGCGTGACGACAGCAACATCCAGAAG	480						
DB	444	AAACTCAGCAATCAGCTCAGCTCCTGTGCATCAGCGTGACGACAGCAACATCCAGAAG	503						
QY	481	AATGTCAGAAGGCTGAAGGAGACAGTGAATAAGCTTGGAGAGAGTGGAGAGATCAAGGCG	540						
DB	504	AATGTCAGAAGGCTGAAGGAGACAGTGAATAAGCTTGGAGAGAGTGGAGAGATCAAGGCG	563						
QY	541	ATTGGGGAGCTGGACCTGCTGTTTATGCTCTGAGAAATGCTTTGGCTCTGAGCCGAGAAGA	600						
DB	564	ATTGGGGAGCTGGACCTGCTGTTTATGCTCTGAGAAATGCTTTGGCTCTGAGCCGAGAAGA	623						
QY	601	AGCTAGAAACGAAGAACTGCTCCCTCCCTGCTTTATAAAGAGCAATATAGATCCCTGAA	660						

Query Match	88.8%	Score	993.2	DB 15	Length	1050	
Best Local Similarity	97.2%	Pred. No.	1.3e-203				
Matches 1021; Conservative	0	Mismatches	28	Indels	1	Gaps	1

QY	3	AACGGCTCCTCTCACTTATCAATGTTTGACACTTGGCGATCTCTCATGGCTGTCT	62
Db	1	AACGGCTCCTCTCACTTATCAATGTTTGACACTTGGCGATCGGTGATGGCTGTCT	60
QY	63	GCAGAAATCTATGAGTTTTTCCCTTTATGGGGAATTTTGGCGCGACGTGCTGCTTCTCAT	122

Db 61 GCAGAAATCTATGAGTTTCCCTTATGGGAGCTTTGGCCGCGAGCTGCTGCTTCTCAT 120
Qy 123 TGCCCTGTGGCCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db 121 TGCCCTGTGGCCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 180
Qy 183 GTCCAACTTCCAGCAGCGCTGATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 242
Db 181 GTCCAACTTCCAGCAGCGCTGATCGTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 240
Qy 243 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTCGGAGGATCAG 302
Db 241 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTGTCGGAGGATCAG 300
Qy 303 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGAAGACGTTCT 362
Db 301 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGAAGACGTTCT 360
Qy 363 GCTCCCCCAGTCAGACAGGTCGAGCCCTACATCGAGAGGTGGTACCTTCTCGACCA 422
Db 361 GCTCCCCCAGTCAGACAGGTCGAGCCCTACATCGAGAGGTGGTACCTTCTCGACCA 420
Qy 423 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACAGAAACATCCAGAGAA 482
Db 421 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACAGAAACATCCAGAGAA 480
Qy 483 TGTCAGAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 542
Db 481 TGTCAGAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGCGGAGAGATCAAGCGAT 540
Qy 543 TGGGAACTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGAGCGAGAGAAAG 602
Db 541 TGGGAACTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGAGCGAGAGAAAG 600
Qy 603 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAGAACTTAAAGAGAACTTAAAG 662
Db 601 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAGAACTTAAAGAGAACTTAAAG 660
Qy 723 GAAACCTGCTCAGTTGAAAGAGAAATAGTGTCAAGTTGTCATGAGACGAGGTAGA 782
Db 721 GAAACCTGCTCAGTTGAAAGAGAAATAGTGTCAAGTTGTCATGAGACGAGGTAGA 780
Qy 783 CTGTATAACCAAGATTCATGACAAATATTTATGTCATGATGATACAAAGAAA 842
Db 781 CTGTATAACCAAGATTCATGACAAATATTTATGTCATGATGATACAAAGAAA 840
Qy 843 ATAATGTACTTTTAAAAATTTGTTGAAAGAGGTTTACCTCTCATTCCTTTAGAAAAAG 902
Db 841 AGTATGTACTTTTAAAAATTTGTTGAAAGAGGTTTACCTCTCATTCCTCTAGAAAAAG 900
Qy 903 CTTATGTAACCTTCAATTCATCAATTTATATATATATGTAAGTTTATTTATTAAGT 962
Db 901 CTTATGTAACCTTCAATTCATCAATTTATATATATATGTAAGTTTATTTATTAAGT 960
Qy 963 ATACATTTTATTTATGTCAGTTTATTAATATGAGTTTATTTATAGAAACATTTATGCTA 1022
Db 961 ATACATTTTATTTATGTCAGTTTATTAATATGAGTTTATTTATAGAAATTTATCTGATG 1020
Qy 1023 TTGATATTT-AGTATAAGGCAAAATAATTT 1051
Db 1021 TTGATATTTGATATAAGGCAAAATAATTT 1050

RESULT 6

US-10-104-919-42

; Sequence 42, Application US/10104919

; Publication No. US2003009608A1

; GENERAL INFORMATION:

; APPLICANT: Presnell, Scott R.

; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; APPLICANT: Hughes, Steven D.
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 01-12
; CURRENT APPLICATION NUMBER: US/10/104,919
; PRIORITY FILING DATE: 2002-03-23
; PRIOR APPLICATION NUMBER: US 60/279,222
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 42
; LENGTH: 1050
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (5)...(589)
US-10-104-919-42

Query Match 88.8%; Score 993.2; DB 15; Length 1050;

Best Local Similarity 97.2%; Pred. No. 1.3e-203;

Matches 1021; Conservative 0; Mismatches 28; Indels 1; Gaps 1;

Qy 3 AACAGGCTCTCCTCTCAGTTATCAACTGTTGACACTGTGCGATCTCTGATGGCTGTCT 62
Db 1 AACAGGCTCTCCTCTCAGTTATCAACTTTTGACATTTGCGATCGGTGATGGCTGTCT 60
Qy 63 GCAGAAATCTATGAGTTTTCCTTATGGGACTTTTGGCCGCGAGCTGCTCTCTCAT 122
Db 61 GCAGAAATCTATGAGTTTTCCTTATGGGACTTTTGGCCGCGAGCTGCTCTCTCAT 120
Qy 123 TGCCCTGTGGCCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db 121 TGCCCTGTGGCCAGAGGCAAAATGCGTGGCCGCTCAACACCCGGTGCAAGCTTGAGGT 180
Qy 183 GTCCAACTTCCAGCAGCGGTACATGCTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 242
Db 181 GTCCAACTTCCAGCAGCGGTACATGCTCAACCGCACCTTTATGCTGGCCAAAGAGGCCAG 240
Qy 243 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTTGTCCGAGGAGTCA 302
Db 241 CTTTCAGATTAACACACAGACGTCGGCTCATCGGGGAGAAACTTGTCCGAGGAGTCA 300
Qy 303 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGAAGACGTTCT 362
Db 301 TGCTAAAGATCAGTCTACCTGATGAAGCAGGTGCTCAACTTCACCTCGAAGACGTTCT 360
Qy 363 GCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACGAGAGGTGCTACCTTCTGACCAA 422
Db 361 GCTCCCCCAGTCAGACAGGTTCCAGCCCTACATGACGAGAGGTGCTGCTTCTGACCAA 420
Qy 423 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACGAGAACTCCAGAGAA 482
Db 421 ACTCAGCAATCAGTCTCCTGTCACATCAGCGGTGACGACGAGAACTCCAGAGAA 480
Qy 483 TGTCAAGAGCTGAAGAGACAGTGAAGAGCTTGGAGAGGTGGAGAGATCAAGCGCAT 542
Db 481 TGTCAAGAGCTGAAGAGACAGTGAAGAGCTTGGAGAGGTGGAGAGATCAAGCGCAT 540
Qy 543 TGGGAACTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGAGCGAGAGAAAG 602
Db 541 TGGGAACTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGAGCGAGAGAAAG 600
Qy 603 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAGAACTTAAAGAGAACTTAAAG 662
Db 601 CTAGAAACGAGAGACTGCTCCTTCTGCTTCTTAAAGAGAACTTAAAGAGAACTTAAAG 660
Qy 663 GACTTTTATTAAGGAAAGTGAAGCTTAAGTCCATCATTTAGAGATTTTCAAT 722
Db 661 GACTTTTATTAAGGAAAGTGAAGCTTAAGTCCATCATTTAGAGATTTTCAAT 720


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Db 6655 GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTACTAAAGGAAGTGAGAA 6714
QY 690 GCTAACGTCCTCATCATTTAGAGAGATTTACATGAAACCTGGCTCAGTTGAAAAAGAAA 749
Db 6715 GCTAACGTCCTCATCATTTAGAGAGATTTACATGAAACCTGGCTCAGTTGAAAAAGAAA 6774
QY 750 TAGTGTCAAGTTGTCCATGAGACCGAGAGTGTGATACCAACCAAGATTCATTGACA 809
Db 6775 TAGTGTCAAGTTGTCCATGAGACCGAGAGTGTGATACCAACCAAGATTCATTGACA 6834
QY 810 ATATTTTATTTGTCACTGTATGATACCAACCAAGAAAATAATGTACTTTTAAAAAATTTGTTGAA 869
Db 6835 ATATTTTATTTGTCACTGTATGATACCAACCAAGAAAATAATGTACTTTTAAAAAATTTGTTGAA 6894
QY 870 AGAGGTTACCTCTCATTTTGTAGAAAAAGCTTTATGTAACCTTCCATATCCAA 929
Db 6895 AGAGGTTACCTCTCATTTTGTAGAAAAAGCTTTATGTAACCTTCCATATCCAA 6954
QY 930 TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA 989
Db 6955 TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA 7014
QY 990 ATATGATTTATTTATAGAAAACATTTATCTGCTATTGATATTTAGTATTAAGCAATATA 1049
Db 7015 ATATGATTTATTTATAGAAAACATTTATCTGCTATTGATATTTAGTATTAAGCAATATA 7074
QY 1050 TTTATGACATAACTATGAAAACAGATATCTTAGGCTTTAATAAACACATGGATATCAT 1109
Db 7075 TTTATGACATAACTATGAAAACAGATATCTTAGGCTTTAATAAACACATGGATATCAT 7134
QY 1110 AAA 1112
Db 7135 AAA 7137

RESULT 9
US-09-751-797-29
; Sequence 29, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIFF) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; PRIOR FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-29
Query Match 49.6%; Score 555.2; DB 9; Length 5935;
Best Local Similarity 96.0%; Pred. No. 5.9e-109;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 510 AAGCTTCGAGAGTGGAGAGATCAAGCGATTGGGGAACCTGGACCTGCTGTTATGTC 569
Db 5221 ATAGCTTCGAGAGCGGAGAGATCAAGCGATCGGGGAACCTGGACCTGCTGTTATGTC 5280
QY 570 TCTGAGAAATGCTTCGCTCTCAGCGAGAGAGAGCTAGAAAAACGAGAACTGCTCCTTCCT 629
Db 5281 TCTGAGAAATGCTTCGCTCTCAGCGAGAGAGAGCTAGAAAAACGAGAACTGCTCCTTCCT 5340
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QY 630 GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTACTAAAGGAAGTGAGAA 689
Db 5341 GCCTTCTTAAAGAAACAATAAGATCCCTGAATGGACITTTTTTACTAAAGGAAGTGAGAA 5400
QY 690 GCTAACGTCCTCATCATTTAGAGAGATTTACATGAAACCTGGCTCAGTTGAAAAAGAAA 749
Db 5401 GCTAACGTCCTCATCATTTAGAGAGATTTACATGAAACCTGGCTCAGTTGAAAAAGAAA 5460
QY 750 TAGTGTCAAGTTGTCCATGAGACCGAGAGTGTGATACCAACCAAGATTCATTGACA 809
Db 5461 TAGTGTCAAGTTGTCCATGAGACCGAGAGTGTGATACCAACCAAGATTCATTGACA 5520
QY 810 ATATTTTATTTGTCACTGTATGATACCAACCAAGAAAATAATGTACTTTTAAAAAATTTGTTGAA 869
Db 5521 ATATTTTATTTGTCACTGTATGATACCAACCAAGAAAATAATGTACTTTTAAAAAATTTGTTGAA 5580
QY 870 AGAGGTTACCTCTCATTTTGTAGAAAAAGCTTTATGTAACCTTCCATATCCAA 929
Db 5581 AGAGGTTACCTCTCATTTTGTAGAAAAAGCTTTATGTAACCTTCCATATCCAA 5640
QY 930 TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA 989
Db 5641 TATTTTATATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCTCAGTTTATTA 5700
QY 990 ATATGATTTTATTTATAGAAAACATTTATCTGCTATTGATATTT-AGTATTAAGCAATATAAT 1048
Db 5701 ATATGATTTTATTTATAGAAAACATTTATCTGCTATTGATATTTAGTATTAAGCAATATAAT 5760
QY 1049 ATTTATGACATAACTATGAAAACAGATATCTTAGGCTTTAATAAACACATGGATATCA 1108
Db 5761 ATTTATGACATAACTATGAAAACAGATATCTTAGGCTTTAATAAACACATGGATATCA 5820
QY 1109 TAA 1112
Db 5821 TAA 5824

RESULT 10
US-10-256-977-1
; Sequence 1, Application US/10256977
; Publication No. US20030157106A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT APPLICATION NUMBER: US/10/256,977
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US/10/084,298
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/281,353
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-256-977-1
Query Match 47.8%; Score 535.2; DB 13; Length 1191;
Best Local Similarity 73.4%; Pred. No. 4.9e-105;
Matches 843; Conservative 0; Mismatches 266; Indels 37; Gaps 11;
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448	DB	CAA CAGGCTAAGCACATGTCATATTGAAAGTGATGACCTGTCATATCCNAGGGAATGTGCA	507
489	QY	AAGGCTGAAGAGACAGATGAAAGCTTCGGAGAGAGTGGAGAGATCAAGGCGAATGTGGGA	548
508	DB	AAAGCTGAAGACACAGTGAAGAAAGCTTCGGAGAGAGTGGAGAGATCAAGCAATTTGAGA	567
549	QY	ACTGGACCTGCTGTTTATGTCCTGAGAAATGCTTGGCTCTGAGCGAGAAAGAGCTAGAA	608
568	DB	ACTGGATTGCTGTTTATGTCCTGAGAAATGCTTGCATTTGACACGAGCAAGCTGAAA	627
609	QY	AACGAGAACTGCTCCCTTCCTGCTCTTAAAGAACAAATAGATCCCTGAAATGGACTTT	668
628	DB	AATGAATAACTAACCCCCCTTCCTGCTAGAATAACCAATTAGATGCCCCAAGCGATTT	687
669	QY	TTTA-----CTAAAGGAAAGTGAAGCTAACCTCCATCATCATTAGAAGATTTCAATGA	724
688	DB	TTTTTAACCAAAAGGAAGATGGGAAGCCAAACTCCATCATGATGGTGGATTTCCAAATGA	747
725	QY	AACCTGCTCAGTTGAAGAAAGAAATAGTGTCAA--GTGTCCATGAGACCAG--AGGTAG	781
748	DB	ACCCCTGGTTAGTTACAAAGGAACCAATGGCACTTTGTTTATPAAGACCAGAAGGTAG	807
782	QY	ACTTGATAACCAACCAAGATTCATTGACAATATTTTATTTGTCACGTGATG---ATACAACA	837
808	DB	ACTTCTTAAGCATAGATATTATTGATAACATTTTCATTGTAACCTGTTGTCATATACACAG	867
838	QY	GAAGAAATACTACTTTAAAAAATGTTTT-----GAAGGAGGTACCTCTCATTCCT	890
868	DB	AAACAATTTATTTTTTAAATAATTTGCTTTTTTCATAAAAAGATTAACITTTCCATTCCT	927
891	QY	TTA---GAAGAAAAAGCTTATGTAACTTCA--TTTCCATATCCAAATATTATATATGTAA	945
928	DB	TTAGGGGAAAAAACCCTAAATAGCTTCATGTTTCCATAATCAGTACTTTATATTTATAA	987
946	QY	GTTTATTTTATATAAGTATA-----CATTTTATTTGTCAGTTTATATATATGATTT	999
988	DB	ATGTAATTTTATTTATTAAGACTGCATTTTTATATATCATTTTATTAATATGGATTT	1047
1000	QY	ATTTATGAACATATTCTCTATTGATA--TTTAGTATAAGGCAATA--ATATTTATG	1055
1048	DB	ATTTATGAACACATCTTCGATTTGCTACTTGAGTGAAGGCTAAATATTCATATTTATG	1107
1056	QY	ACAATAACTATGG---AACAAGATATCTTAGGCTTTAAATAAACAACATGATATCATTA	1111
1108	DB	ACAATAATTATAGAGCTATAACATGTTTATTTGACCTCAATTAACACTTGGATATCTTAA	1167
1112	QY	AAAAAAA 1119	
1168	DB	AAAAAAA 1175	

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RESULT 12
US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. US20020102723A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepta
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; FILE REFERENCE: P2806-1(US)
; CURRENT APPLICATION NUMBER: US/09/870, 574
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22

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; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match      46.9%; Score 524.8; DB 10; Length 1152;
Best Local Similarity 73.4%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;

QY 9 CTCCTCCTCACTATCAACTGTTGACACTTGTGGCATCTCTGATGCTGTCTGAGTGTCTGCTGAGAA 68
DB 15 CTCCTTCCCAGTCACAGTTGCTCGAGTTAGAAATTTGTGCAATGGCCGCCCTCGAGAA 74
QY 69 ATCTATGAGTTTTCCCTTATGGGAGCTTTGGCCGCCAGCTGCTGCTTCTCATTTGGCCCT 128
DB 75 ATCTGTGAGCTCTTTCCCTATGGGACCTGGCCACACAGCTGCTCTCTCTTGGCCCT 134
QY 129 GTGGGCCCGACGAGGCAAAATGGCTGCGCTGMAACCCCGGTGCAAGCTTGAGGTGTCCAA 188
DB 135 CTTGGTTCAGGGAGGAGCAGCTGCGGCCCATCAGCTCCCACTGCAAGGCTTGACAAGTCCAA 194
QY 189 CTTCCAGCAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGCGCAGCTTGC 248
DB 195 CTTCCAGCAGCCCTATATCACCAACCGCACCTTCATGCTGGCTAAGGAGGCTAGCTTGGC 254
QY 249 AGATAACAAACACAGAGTCCGGCTCATCGGGAGAACTGTTCGAGAGTCAGTGTCTAA 308
DB 255 TGATTAACAACAACAGAGTTCGCTCATTTGGGAGAACTGTTCACCGAGTCAAGTATGAG 314
QY 309 AGATCAGTGTCTACTGATGAAGCAGGTGCTCAACTTCCACCTGGAAAGCGTTCGTCTCC 368
DB 315 TGAGCGCTGTCTATCTGATGAAGCAGGTGCTGAATTCACCTTTGAAGAGTGTGTCTCC 374
QY 369 CCAGTCAGACAGTTCCAGCCCTACATGACGAGAGTGTGTACTTTCTGACCAAACTCAG 428
DB 375 TCATCTGTATAGTTTCAGCCCTTATATGACGAGGTGTGCTTCTTCCGCGAGCTCAG 434
QY 429 CAATCAGCTCAGTCTCTGTCAATCATAGCGGTGACGACGACAGAAATCCAGAAAGTGTG 488
DB 435 CAACAGGCTAAGCACATGTCTATTTGAAGGTGATGACCTGTCATTCACAGAGGAATGTG 494
QY 489 AAGGCTGAAGGAGACAGTGAAGAAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGG 548
DB 495 AAAGCTGAGGACACAGTGAAGAAGCTTGGAGAGAGTGGAGAGATCAAGCAATTGGAGA 554
QY 549 ACTGGACCTGTGTTTATGTCTTGAGAAATGCTTGGCTCTGACGAGAGAGAGAGCTAGAA 608
DB 555 ACTGGATTGCTGTATATGTCTGAGAAATGCCCTGCAATTTGACGACAGCAAAAGCTGAA 614
QY 609 AACGAAGAACTGCTCTTCTCGCTTCTTAAAGAAACAATAAGATCCCTGAAATGGAATTT 668
DB 615 AATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTTAGATGCCCAAGCGATTT 674
QY 669 TTTA-----CTAAGGAAGTGAAGACTTAACGTCAATCATCATTTAGAGATTTTCAATGA 724
DB 675 TTTTAAACCAAGGAAGATGGGAAGCCAACTCCATCATGATGGGTGGATTTCCAAATGA 734
QY 725 AACCTGGCTCAGTTGAAAAGAAAATAGTGTCAA--GTTGTCCATGAGACCAG-AGGTAG 781
DB 735 ACCCTCGGTTAGTTACAAAGGAAACCAATGCCACTTTTGTGTTTATAAGACAGAGGTAG 794
QY 782 ACTTGATTAACCAAGAGTTCATGACATATTTTATTTGTCACATGATG----ATACACA 837
DB 795 ACTTCTAAGCATAGATATTTATGATACATTTCAATTGTAACCTGGTGTCTTATACACAG 854
QY 838 GAAAAATAATGACTTTTAAAAAATTGTT-----GAAAGGAGGTTTACCTCTCATCTCT 890
DB 855 AAAACAATTTATTTTTTAATAATTTGCTTTTTCATAAAAAGATTAATTTCCATCTCT 914

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QY 946 GTTATTTTATATAGTATA-----CATTTTATTTAGTCAAGTTTATATATATGGA 999
Db 975 ATGTATTTTATTTATTTATATAGACTGCAATTTTATTTATATATATATATATATG 1034
QY 1000 ATTTATAGAAACATTTCTGCTATTGATA-TTTAGTATAGGCAATA---ATATTTATG 1055
Db 1035 ATTTATAGAAACATTTCTGCTATTGATA-TTTAGTATAGGCAATA---ATATTTATG 1094
QY 1056 ACAATAACTATGG---AAACAAGATATCTTAGGCTTTTATATATATATATATATG 1107
Db 1095 ACAATAATTTATAGAGCTATAACATGTTTATTTATGACCTCAATAAACAATTTG 1150

RESULT 13
US-10-232-226-243
; Sequence 243, Application US/10232226
; GENERAL INFORMATION:
; Publication No. US20040006206A1
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Garney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C110
; CURRENT APPLICATION NUMBER: US/10/232,226
; CURRENT FILING DATE: 2002-08-29
; PRIORITY FILING DATE: 10/119,480
; PRIORITY FILING DATE: 2002-04-09
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY FILING DATE: 1997-10-31
; PRIORITY FILING DATE: 1997-10-17
; PRIORITY FILING DATE: 1997-10-29
; PRIORITY FILING DATE: 1997-10-31
; PRIORITY FILING DATE: 1997-10-31
; PRIORITY FILING DATE: 1997-12-17
; PRIORITY FILING DATE: 1998-03-20
; PRIORITY FILING DATE: 1998-03-25
; PRIORITY FILING DATE: 1998-03-26
; PRIORITY FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 243
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-232-226-243

Query Match 46.9%; Score 524.8; DB 12; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;
QY 9 CTCCTCTTCACTTATCACTGTTGACACTGTTGGGATCTCTGATGGCTGCTGCGAGAA 68
Db 15 CTCCTTCCCAGTCCACAGTTGCTCGAGTTAGATTGCTGCAATGGCCGCTTGCAGAA 74

QY 69 ATCTATGAGTTTTCCTTTATGCGGACCTTTGCGCCGACGCTGCTGCTCTCTCA 128
Db 75 ATCTGTGAGCTCTTTCTTTATGCGGACCTTTGCGCCGACGCTGCTGCTCTCT 134
QY 129 GTGGGCCGAGGAGCAAAATGCGCTGCCCCCTCAACACCCCGGTGCAAGCTTGA 188
Db 135 CTTGTGTACAGGAGGAGCAGCTGCGGCCCATCAGCTCCCACTCGAGGCTTGACA 194
QY 189 CTTCCACAGCCTGACATCGTCAACCGCACCTTTTATGCTGGCCAAAGGAGGCG 248
Db 195 CTTCCACAGCCTGATATCACCAACCGCACCTTTTATGCTGGCCAAAGGAGGCG 254
QY 249 AGATAACAACACAGAGCTGCGGCTCATCGGGGAGAAACTGTTCCGAGGAGTCA 308
Db 255 TGATAACAACACAGAGCTGCGTCTCATTTGGGGAGAAACTGTTCCACGGAGTCA 314
QY 309 AGATCAGTCTACCTGATGAGCAGCTGCTCACTTCACTTCACTTCACTTCACT 368
Db 315 TGAGCGCTGCTATCTGATGAGCAGCTGCTGCTCACTTCACTTCACTTCACT 374
QY 369 CCAGTCAGAGCTTCCAGCCCTTACATGAGGAGGAGTGTACTTCTGACCAAACT 428
Db 375 TCAATCTGATAGGTTCCAGCCTTTATATGAGGAGGAGTGTGTGCTGCTGCGG 434
QY 429 CAATCAGCTCAGCTCTCTCATCATCAGCGGTGACGACCAAGAAACATCCAGA 488
Db 435 CAACAGCTTAAGCACATGCTCATATTGAGGTGATGACCTGATATCCAGAG 494
QY 489 AAGCTGAAGAGAGCAGTGAAGAAAGCTTGAAGAGTGAAGAGTGAAGAGTGA 548
Db 495 AAAGCTGAAGAGAGCAGTGAAGAAAGCTTGAAGAGTGAAGAGTGAAGAGTGA 554
QY 549 ACTGAGCTGCTGTTTATGCTCTGAGAAATGCTGCTGCTGAGGAGGAGAGTGA 608
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Db 615 AATGAATAACTAACCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 674
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Db 675 TTTTAAACCAAGGAGAGTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 734
QY 725 AACCTGCTCAGTTGAGAAAGAAAGTGTGCA--GTTGCTCATGAGACCGAG- 781
Db 735 ACCCTGCTGTTAGTTTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 794
QY 782 ACTTGATAACCAAGAGTCACTGACATATTTTATTTATTTATTTATTTATTT 837
Db 795 ACTTCTAAGCATAGATATTTTATTTATTTATTTATTTATTTATTTATTTAT 854
QY 838 GAAAAATAATGCTACTTTTAAATAATGTTT-----GAAAGGAGGAGTCACT 890
Db 855 AAAACAATTTATTTTAAATAATGTTTCTTTTCCATATAAAGATATCTTTCA 914
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Db 1035 ATTTATAGAAACATTTCTGCTATTGATA-TTTAGTATAGGCAATA---ATAT 1094
QY 1056 ACAATAACTATGG---AAACAAGATATCTTAGGCTTTTATATATATATATAT 1107
Db 1095 ACAATAATTTATAGAGCTATAACATGTTTATTTATGACCTCAATAAACA 1150


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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,735
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-735-153

Query Match          46.9%; Score 524.8; DB 13; Length 1152;
Best Local Similarity 73.2%; Pred. No. 8.3e-103;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;

QY 9 CTCCTCTCTACTATACACTGTTGACACTTGTGCGAATCTCTGATGGCTGTCTGCTGAGAA 68
DB 15 CTCCTTCCCAAGTACCAGGTTGCTCGAGTTAGAAATGCTCTGCAATGGCGCCCTGCAGAA 74

QY 69 ATCTATAGATTTTCCCTTATGGGACTTTGGCCGCGAGCTGCTGCTCTCATATGCCCT 128
DB 75 ATCTGTGAGCTCTTCTCTATATGGGACCTTGGCCACGAGCTGCTCTCTCTCTTCTTGGCCCT 134

QY 129 GTGGCCCGCAGAGGGAATGGCTGCGCGCTCAACACCCGGTGCAGCTTGTAGGTGTCCAA 188
DB 135 CTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGGCAGCTTGACAAGTCCAA 194

QY 189 CTTCAGCAGCGGTACATCGTCAACCGCACCTTTATGTCGGCCCAAGAGGCGCAGCTTGC 248
DB 195 CTTCAGCAGCGCTTATATCACCAACCGCACCTTATGCTGCTGCTTAAAGAGCTAGCTTGC 254

QY 249 AGATTAACAACAAGCAGCTCGGCTCATCGGGGAGAACTGTTCCGAGGAGTCTAGTCTAA 308
DB 255 TGATAACAACAAGCAGCTCGGCTCATCGGGGAGAACTGTTCCAGCGAGTCTAGTATGAG 314

QY 309 AGATCAGTGTCTACCTGTATGAAGCAGGTGCTCAACTTCACTCGGAGAGCTTCTGCTCCC 368
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QY 369 CAGTTCAGCAGGTTCCAGCCCTACATGTCAGAGGAGGTGCTACCTTCTGACCAACTCAG 428
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QY 549 ACTGACCTGTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAA 608
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DB 615 AATGAATAACAACTAACCCCTTTCCCTCTGAGAAATTAACAATTTAGATGCCCCCAAGCGATTT 674

QY 669 TTTA----CTAAGGAAAGTGAAGAGTAAAGTCCATCATCATTTAGAAAGATTTACATGA 724
DB 675 TTTTAAACAAAGGAAGTGGAGGCCAACTCCATCATGTATGGGTGGATTTCCAAATGA 734

QY 725 AACCTGGCTCAGTTGAAAGAAAGAAATAGTGTCAA--GTTGTCATGAGACCAG--AGGTAG 781
DB 735 ACCCTGCGTTAGTTTACAAAGGAACCAATGCCACTTTTGTATTATAAGACCAAGAGGTAG 794

QY 782 ACTTGATACCAACAAGATTCATTGACAAATATTTTATGTCACCTGATG----ATACAACA 837
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Job time : 368.275 secs

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DB 915 TTAGGGGAAAAAACCCCTTAATAGCTTTCATGTTTCCATAATCAGTACTTTATTTATAA 974
QY 946 GTTTATTTATTAAGTATA-----CATTTTATTTATGTCAGTTTATTAATATGATTT 999
DB 975 ATGTATTTATTTATTTATAAGACTGTCATTTTATTTATATCATTTTATTAATATGATTT 1034
QY 1000 ATTTATAGAAACATTATCTGCTATTGATA--TTTAGTATAAGGCAATA---ATATTTATG 1055
DB 1035 ATTTATAGAAACATCATTCGATATTGCTACTTGTAGTGAAGGCTAATATTGATATTTATG 1094
QY 1056 ACAATAACTATGG----AAACAAGATATCTTAGGCTTTTAATAAACAACATGGATATC 1107
DB 1095 ACAATAATTAGAGCTATACATGTTTATTTGACCTCAATAAACACTTGGATATC 1150
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OM nucleic - nucleic search, using sw model

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(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-7
Perfect score: 1119
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Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
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Maximum Match 100%
Listing first 45 summaries

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6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	1047.8	93.6	1111	3	US-09-178-973B-9
5	1047.8	93.6	1111	4	US-09-419-568F-9
6	1047.8	93.6	1111	4	US-09-354-243B-9
7	601.4	53.7	7445	3	US-09-178-973B-8
8	601.4	53.7	7445	4	US-09-419-568F-8
9	601.4	53.7	7445	4	US-09-354-243B-8
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11	555.2	49.6	5935	4	US-09-419-568F-29
12	555.2	49.6	5935	4	US-09-354-243B-29
13	524.8	46.9	1152	4	US-09-870-574-1
14	409.2	36.6	690	4	US-09-419-568F-24
15	409.2	36.6	690	4	US-09-354-243B-24
16	126	11.3	4797	4	US-09-419-568F-25
17	126	11.3	4797	4	US-09-354-243B-25
18	59.4	5.3	5852	1	US-07-867-106-2
19	51.8	4.6	678	1	US-07-991-867B-23
20	51.8	4.6	678	1	US-08-107-755A-23
21	51.8	4.6	678	2	US-08-544-332-23
22	51.8	4.6	678	4	US-09-370-861A-23
23	51.8	4.6	6768	1	US-08-107-755A-1
24	51.8	4.6	8457	1	US-07-991-867B-1
25	51.8	4.6	8457	2	US-08-544-332-1
26	51.8	4.6	8457	4	US-09-370-861A-1
27	51.8	4.6	53332	4	US-09-801-861-3

28	51.4	4.6	168575	4	US-09-426-290-1	Sequence 1, Appli
29	51.2	4.6	20674	4	US-09-641-638-651	Sequence 651, App
30	50.8	4.5	837	3	US-08-998-416-288	Sequence 288, App
31	50.8	4.5	7218	1	US-08-232-463-14	Sequence 14, Appl
32	50.6	4.5	4526	1	US-07-855-412B-4	Sequence 4, Appli
33	50.6	4.5	4526	2	US-08-308-887A-4	Sequence 4, Appli
34	50.6	4.5	4526	3	US-08-881-094-4	Sequence 4, Appli
35	50.2	4.5	15418	4	US-09-783-203-1	Sequence 1, Appli
36	50	4.5	53332	4	US-09-801-861-3	Sequence 3, Appli
37	49.6	4.4	636	3	US-08-998-416-1137	Sequence 1137, Ap
38	49.6	4.4	10640	4	US-09-417-485D-5	Sequence 5, Appli
39	49.2	4.4	731	1	US-08-451-405A-2	Sequence 2, Appli
40	49.2	4.4	8920	2	US-08-446-855A-1	Sequence 1, Appli
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42	48.2	4.3	615	3	US-08-998-416-186	Sequence 186, App
43	48.2	4.3	636	3	US-08-998-416-1137	Sequence 1137, Ap
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45	47.2	4.2	1689	1	US-07-991-867B-41	Sequence 41, Appli

ALIGNMENTS

RESULT 1
US-09-178-973B-7
; Sequence 7, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renault, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
(TTFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-7

Query Match	100.0%;	Score 1119;	DB 3;	Length 1119;
Best Local Similarity	100.0%;	Pred. No. 2.4e-273;		
Matches 1119;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
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Db	1	TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCTGTC	60	
QY	61	CTGCAGAAATCTATGAGTTTTTCCCTTATGGGACTTTGGCGCGAGTCTGCTGCTTC	120	
Db	61	CTGCAGAAATCTATGAGTTTTTCCCTTATGGGACTTTGGCGCGAGTCTGCTGCTTC	120	
QY	121	ATTGCGCTGTGGGCGGAGGCAATGGTGGCGGCTCAACACCGGTGCAAGCTTCAG	180	
Db	121	ATTGCGCTGTGGGCGGAGGCAATGGTGGCGGCTCAACACCGGTGCAAGCTTCAG	180	
QY	181	GTGTCCAACTTCCAGCAGCGGTACATGTCACACCGAATCTTATGCTGGCCAGAGGCC	240	
Db	181	GTGTCCAACTTCCAGCAGCGGTACATGTCACACCGAATCTTATGCTGGCCAGAGGCC	240	
QY	241	AGCCTTGCAGATAAACAACACAGCGTCCGGCTCATCGGGAGAACTGTCGGAGAGTC	300	
Db	241	AGCCTTGCAGATAAACAACACAGCGTCCGGCTCATCGGGAGAACTGTCGGAGAGTC	300	
QY	301	AGTGTAAAGATCAGTGTCTACCTGATGAAGAGGCTGCTCACTTCACTTGAAGACGTT	360	
Db	301	AGTGTAAAGATCAGTGTCTACCTGATGAAGAGGCTGCTCACTTCACTTGAAGACGTT	360	
QY	361	CTGCTCCCCAGTCACAGAGGTTCCAGCCCTACATGACGAGGAGTGTACCTTTCCTGACC	420	

Db	361	CTGCTCCCCAGTCAGACAGGTTCCAGCCCTACATGACGAGGTTGGTACCTTTTCTGACC	420
QY	421	AAACTCAGCAATCAGCTCAGCTCTGTGCATCATCAGCGGTGACGACGAGAACTCCAGAG	480
Db	421	AAACTCAGCAATCAGCTCAGCTCTGTGCATCATCAGCGGTGACGACGAGAACTCCAGAG	480
QY	481	AATGTCAAGAGGCTCAAGAGACAGTCAAAAAGCTTCGACAGAGTGGAGAGATCAAGGCG	540
Db	481	AATGTCAAGAGGCTCAAGAGACAGTCAAAAAGCTTCGAGAGAGTGGAGAGATCAAGGCG	540
QY	541	ATTGGGGAACGACCTGCTGCTTTATGCTCTCAGAAATGCTTTGGCTGTGCGCAGAGA	600
Db	541	ATTGGGGAACGACCTGCTGCTTTATGCTCTCAGAAATGCTTTGGCTGTGCGCAGAGA	600
QY	601	AGCTAGAAAACGAAGAACTGCTCCTTCCTGCCCTTTAAAAAGAAACAATAAGATCCCTGAA	660
Db	601	AGCTAGAAAACGAAGAACTGCTCCTTCCTGCCCTTTAAAAAGAAACAATAAGATCCCTGAA	660
QY	661	TGGACTTTTTTACTATAGGGAAGTGAGAAGCTTAAGCTCCCATCATCTTAGAGATTTCCAC	720
Db	661	TGGACTTTTTTACTATAGGGAAGTGAGAAGCTTAAGCTCCCATCATCTTAGAGATTTCCAC	720
QY	721	ATGAAACCTGGCTCAGTTTGAAAAAGAAAATAGTGTCAAAGTTGTCATGAGACGAGGTA	780
Db	721	ATGAAACCTGGCTCAGTTTGAAAAAGAAAATAGTGTCAAAGTTGTCATGAGACGAGGTA	780
QY	781	GACTTTGATAACCAACAAGATTCATTGACAATATTTTATTGTGCATGATGATACAACGAA	840
Db	781	GACTTTGATAACCAACAAGATTCATTGACAATATTTTATTGTGCATGATGATACAACGAA	840
QY	841	AAATAATGTACTTTAAAAAATTTGTTGAAAGGAGTTACCTCTCATCTTCCTTTAGAAAAA	900
Db	841	AAATAATGTACTTTAAAAAATTTGTTGAAAGGAGTTACCTCTCATCTTCCTTTAGAAAAA	900
QY	901	AGCTTATGTAACTTCATTTCCATATCCAATATTTTATATATGTATGTTTATTATTATAA	960
Db	901	AGCTTATGTAACTTCATTTCCATATCCAATATTTTATATATGTATGTTTATTATTATAA	960
QY	961	GTATCATATTTATTATTATGCTAGTTTATTAATATGAGATTTATTATTAGAAACATTATCGC	1020
Db	961	GTATCATATTTATTATTATGCTAGTTTATTAATATGAGATTTATTATTAGAAACATTATCGC	1020
QY	1021	TATTGATATTTAGTATTAAGGCAATAATATTTTATGACAATACTATGGAACAAGATATC	1080
Db	1021	TATTGATATTTAGTATTAAGGCAATATATTTTATGACAATACTATGGAACAAGATATC	1080
QY	1081	TTAGGCTTTTATAAACACATGGATATCATAAAAAATAA	1119
Db	1081	TTAGGCTTTTATAAACACATGGATATCATAAAAAATAA	1119

RESULT 2
US-09-419-568F-7
Sequence 7, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 7
LENGTH: 1119
TYPE: DNA

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; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-7

Query Match 100.0%; Score 1119; DB 4; Length 1119;
Best Local Similarity 100.0%; Pred. No. 2.4e-273;
Matches 1119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAAACAGGCTCTCCCTCTCACTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGTC 60
DB 1 TAAACAGGCTCTCCCTCTCACTATCAASGTGTCACATTGTGCGATCTCTGATGGCTGTC 60

QY 61 CTGCAGAAATCTATAGTGTTCCTCTATAGGGACTTTGGCCGCGAGCTGCTGCTCTC 120
DB 61 CTGCAGAAATCTATAGTGTTCCTCTATAGGGACTTTGGCCGCGAGCTGCTGCTCTC 120

QY 121 ATTGCCCTGTGGGCCCCAGGAGCAATGCGCTGCCGTCAACACCCGCTGCAAGCTTGAG 180
DB 121 ATTGCCCTGTGGGCCCCAGGAGCAATGCGCTGCCGTCAACACCCGCTGCAAGCTTGAG 180

QY 181 GTGTCCAACTTCACGACGCGCTATCTGTCACCGCACCTTTATGCTGCGCCAAAGAGGCC 240
DB 181 GTGTCCAACTTCACGACGCGCTATCTGTCACCGCACCTTTATGCTGCGCCAAAGAGGCC 240

QY 241 AGCCTTGAGATATACACACAGAGCTCGGCTCATCGGGAGAACTGTCGGAGGATC 300
DB 241 AGCCTTGAGATATACACACAGAGCTCGGCTCATCGGGAGAACTGTCGGAGGATC 300

QY 301 AGTGCTAAAGATCAGTGCTACCTGATGAAGAGGTGCTCAACTTCAACCTCGAAGACGTT 360
DB 301 AGTGCTAAAGATCAGTGCTACCTGATGAAGAGGTGCTCAACTTCAACCTCGAAGACGTT 360

QY 361 CTGCTCCCCCAGTCAGACAGGTTCCAGCCCTACATCAGGAGGTGGTACCTTCTGACC 420
DB 361 CTGCTCCCCCAGTCAGACAGGTTCCAGCCCTACATCAGGAGGTGGTACCTTCTGACC 420

QY 421 AAATCTAGCAATCAGCTCAGTCTGTGTCATCAGCGGTGACGACAGAACATCAGAAAG 480
DB 421 AAATCTAGCAATCAGCTCAGTCTGTGTCATCAGCGGTGACGACAGAACATCAGAAAG 480

QY 481 AATGTCAGAAAGGCTGAAGGAGACAGTGAAAAGCTTTGAGAGAGTGGAGAGATCAAGGCG 540
DB 481 AATGTCAGAAAGGCTGAAGGAGACAGTGAAAAGCTTTGAGAGAGTGGAGAGATCAAGGCG 540

QY 541 ATTGGGAACCTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGTGAGCGGAGAGA 600
DB 541 ATTGGGAACCTGACCTGCTGTTTATGCTCTGAGAAATGCTTGGCTGTGAGCGGAGAGA 600

QY 601 AGCTAGAAAACGAAGAACTGCTCTTCTGCTCTTAAAGAAACAATAGATCCCTGAA 660
DB 601 AGCTAGAAAACGAAGAACTGCTCTTCTGCTCTTAAAGAAACAATAGATCCCTGAA 660

QY 661 TGGACTTTTACTTAAAGGAAAGTGAGAGCTAAAGTCCATCATCATTAGAAAGATTTTCC 720
DB 661 TGGACTTTTACTTAAAGGAAAGTGAGAGCTAAAGTCCATCATCATTAGAAAGATTTTCC 720

QY 721 ATGAAACCTGGCTCAGTTGAAAAAGAAATAGTGTCAGTTGTCATGAGACCGAGGTA 780
DB 721 ATGAAACCTGGCTCAGTTGAAAAAGAAATAGTGTCAGTTGTCATGAGACCGAGGTA 780

QY 781 GACTTGTATAACCAAAAGATTTCATGACATAATTTTATGTCACGTGATGATACACGAA 840
DB 781 GACTTGTATAACCAAAAGATTTCATGACATAATTTTATGTCACGTGATGATACACGAA 840

QY 841 AAATAATGACTTTTAAAAAATGTTTGAAGAGGTTTACCTCTCATCTCTTTTGAAGAAA 900
DB 841 AAATAATGACTTTTAAAAAATGTTTGAAGAGGTTTACCTCTCATCTCTTTTGAAGAAA 900

QY 901 AGCTTATGTAACCTCATTTCCATATCCAAATTTTATATATGTAAGTTTATTTATATA 960
DB 901 AGCTTATGTAACCTCATTTCCATATCCAAATTTTATATATGTAAGTTTATTTTATATA 960

QY 961 GTATACATTTTATGTCAGTTTATAATATGGATTTTATTTATAGAAAACATTTATCTGC 1020
DB 961 GTATACATTTTATGTCAGTTTATAATATGGATTTTATTTATAGAAAACATTTATCTGC 1020

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Db 961 GTATACATTTATTTATGTCAGTTTATTAATATGATTTATTTATGAGAAACATTATCTGC 1020
Qy 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACCAATAACTATGGAACCAAGATATC 1080
Db 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACCAATAACTATGGAACCAAGATATC 1080
Qy 1081 TTAGGCTTTAATAACACATGATATCATATAAAAAAAA 1119
Db 1081 TTAGGCTTTAATAACACATGATATCATATAAAAAAAA 1119

RESULT 3
US-09-354-243B-7
; Sequence 7, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-7

Query Match 100.0%; Score 1119; DB 4; Length 1119;
Best Local Similarity 100.0%; Pred. No. 2.4e-273;
Matches 1119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGTC 60
Db 1 TAAACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGTC 60

Qy 61 CTGAGAAATCTATGATTTTCCCTTATGGGACATTTGGCCCGCAGCTGCTTCTC 120
Db 61 CTGAGAAATCTATGATTTTCCCTTATGGGACATTTGGCCCGCAGCTGCTTCTC 120

Qy 121 ATTGCCCTGTGGCCCGCAGGAGGCAATGCGTCCCGTCAACACCCCGGTGCAAGCTTGAG 180
Db 121 ATTGCCCTGTGGCCCGCAGGAGGCAATGCGTCCCGTCAACACCCCGGTGCAAGCTTGAG 180

Qy 181 GTGTCCAACTTCCAGCGCGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGGAGGCC 240
Db 181 GTGTCCAACTTCCAGCGCGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGGAGGCC 240

Qy 241 AGCCTTGACATACACACAGAGCTCCGGCTCATCGGGAGAACTGTTCCGAGGAGTC 300
Db 241 AGCCTTGACATACACACAGAGCTCCGGCTCATCGGGAGAACTGTTCCGAGGAGTC 300

Qy 301 AGTGTAAAGATCAGTGTCTACCTGATGAGCAGGTGCTCAACTTCAACCTGGGAAGAGTT 360
Db 301 AGTGTAAAGATCAGTGTCTACCTGATGAGCAGGTGCTCAACTTCAACCTGGGAAGAGTT 360

Qy 361 CTGCTCCCCAGTCAGAGAGTTCCAGCCCTACATGACGAGGAGTGTACCTTCCCTGACC 420
Db 361 CTGCTCCCCAGTCAGAGAGTTCCAGCCCTACATGACGAGGAGTGTACCTTCCCTGACC 420

Qy 421 AAACCTCAGCAATCAGCTCAGTCTCTGTGTCACATCAGCGGTGACGACCAAGATCCAGAG 480
Db 421 AAACCTCAGCAATCAGCTCAGTCTCTGTGTCACATCAGCGGTGACGACCAAGATCCAGAG 480

Qy 481 AATGTGAGAGGCTGAAGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGATCAAGCGC 540

Db 481 AATGTGAGAGGCTGAAGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGATCAAGCGC 540
Qy 541 ATTGGGAACTGGAACCTGCTGTTATGCTCTCGAGAAATGCTTGGCTCGAGGAGAGCA 600
Db 541 ATTGGGAACTGGAACCTGCTGTTATGCTCTCGAGAAATGCTTGGCTCGAGGAGAGCA 600
Qy 601 AGCTAGAAACGAAAGAACTGCTTCTTCCCTGCTTCTTAAAGAAACAAATAGATCCCTGAA 660
Db 601 AGCTAGAAACGAAAGAACTGCTTCTTCCCTGCTTCTTAAAGAAACAAATAGATCCCTGAA 660
Qy 661 TGGACATTTTACTTAAAGAAAGTGAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAA 720
Db 661 TGGACATTTTACTTAAAGAAAGTGAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAA 720
Qy 721 ATGAACCTGCTCAGTTGAAAGAAAGTGTCAAGTTGTCAAGTTGTCAAGTTGTCAAGTTGT 780
Db 721 ATGAACCTGCTCAGTTGAAAGAAAGTGTCAAGTTGTCAAGTTGTCAAGTTGTCAAGTTGT 780
Qy 781 GACTTGATAACCAAGATTTGACAAATATTTTATGCTCACTGATGATCAACAGAA 840
Db 781 GACTTGATAACCAAGATTTGACAAATATTTTATGCTCACTGATGATCAACAGAA 840
Qy 841 AATAATGTAATTTTAAAGAAATTTGTTGAAAGAGGTTACCTCTCATTTCCCTTTAGAAAAA 900
Db 841 AATAATGTAATTTTAAAGAAATTTGTTGAAAGAGGTTACCTCTCATTTCCCTTTAGAAAAA 900
Qy 901 AGCTTATGTAACCTTCAATCCATATCCATATTTATATATGTAAGTTTATTTATATATA 960
Db 901 AGCTTATGTAACCTTCAATCCATATCCATATTTATATATGTAAGTTTATTTATATATA 960
Qy 961 GTATACATTTTATTTATGTCAGTTTATTAATATGATTTATTTATAGAAAACATTTCTGC 1020
Db 961 GTATACATTTTATTTATGTCAGTTTATTAATATGATTTATTTATAGAAAACATTTCTGC 1020
Qy 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACCAATAACTATGGAACCAAGATATC 1080
Db 1021 TATTGATATTTAGTATAAGGCAATAATATTTATGACCAATAACTATGGAACCAAGATATC 1080
Qy 1081 TTAGGCTTTAATAACACATGATATCATATAAAAAAAA 1119
Db 1081 TTAGGCTTTAATAACACATGATATCATATAAAAAAAA 1119

RESULT 4
US-09-178-973B-9
; Sequence 9, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPS)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-9

Query Match 93.6%; Score 1047.8; DB 3; Length 1111;
Best Local Similarity 97.0%; Pred. No. 2.4e-255;
Matches 1078; Conservative 0; Mismatches 32; Indels 1; Gaps 1;

Qy 3 AACAGGCTCTCTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGGCTGCTCT 62
Db 1 AACAGGCTCTCTCTCACTTATCAACTTTTGAACCTTGTGCGATCGGTGCTGCTCTCT 60

QY 63 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 122
Db |||||
QY 61 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 120
Db |||||
QY 123 TGCCTCTGTGGGCCCAGAGGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db |||||
QY 121 TGCCTCTGTGGGCCCAGAGGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 180
Db |||||
QY 183 GTCCAACTTCCAGGAGCGGTATCATCGTCAAGCGACCTTTATGCTGCGCCAGAGGCCAG 242
Db |||||
QY 181 GTCCAACTTCCAGGAGCGGTATCATCGTCAAGCGACCTTTATGCTGCGCCAGAGGCCAG 240
Db |||||
QY 243 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGGAGTCAG 302
Db |||||
QY 241 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGGAGTCAG 300
Db |||||
QY 303 TGTAAAGATCAGTCTACTCTCAACAGCAGCTGCTCAACTTCAACCTCGGAAGCTTCT 362
Db |||||
QY 301 TGTAAAGATCAGTCTACTCTCAACAGCAGCTGCTCAACTTCAACCTCGGAAGCTTCT 360
Db |||||
QY 363 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGAGTGTA CTTTCCCTGACCAA 422
Db |||||
QY 361 GTTCCCGCAGTCAGACAGGTTCCCGCCCTACATGCGAGGAGTGTTCTTCTGACCAA 420
Db |||||
QY 423 ACTCAGCAATCAGCTCAGCTGCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 482
Db |||||
QY 421 ACTCAGCAATCAGCTCAGCTGCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 480
Db |||||
QY 483 TGTCAAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGAGTGAGAGATCAAGGCGAT 542
Db |||||
QY 481 TGTCAAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGAGTGAGAGATCAAGGCGAT 540
Db |||||
QY 543 TGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 602
Db |||||
QY 541 CGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 600
Db |||||
QY 603 CTAGAAAGGAGAACTGCTCTGCTCTTCTTAAAGAGAACTTAAAGATCCCTGATG 662
Db |||||
QY 601 CTAGAAAGGAGAACTGCTCTGCTCTTCTTAAAGAGAACTTAAAGATCCCTGATG 660
Db |||||
QY 663 GACTTTTTTACTAAGGAAAGTGAAGCTCACTGCTCAATCATATTAGAAGATTTCCACAT 722
Db |||||
QY 661 GACTTTTTTACTAAGGAAAGTGAAGCTCACTGCTCACTGCTCAATCATATTAGAAGATTTCCACAT 720
Db |||||
QY 723 GAACCTGGCTCAGTTGAAAGAGAAATAGTGTCAAGTGTCCATGAGACCGAGGTAGA 782
Db |||||
QY 721 GAACCTGGCTCAGTTGAAAGAGAAATAGTGTCAAGTGTCCATGAGACCGAGGTAGA 780
Db |||||
QY 783 CTTGATAACAACAAGATTCATTGACAATATTTTATTTGTCATCTGATGATACACAGAAA 842
Db |||||
QY 781 CTTGATAACAACAAGATTCATTGACAATATTTTATTTGTCATCTGATGATACACAGAAA 840
Db |||||
QY 843 ATATCTACTTTTAAAGAAATGTTTGAAGGAGGTTTACCTCTCATCTTTTAGAAAAAAG 902
Db |||||
QY 841 AGTATGTAATTTTAAAGAAATGTTTGAAGGAGGTTTACCTCTCATCTTTAGAAAAAAG 900
Db |||||
QY 903 CTTATGTAATTTTATGTCAGTTTATTAATATGGAATTTATTAAGAAATTTATTTATTAAGT 962
Db |||||
QY 901 CTTATGTAATTTTATGTCAGTTTATTAATATGGAATTTATTAAGAAATTTATTTATTAAGT 960
Db |||||
QY 963 ATACATTTTATTTATGTCAGTTTATTAATATGGAATTTATTAAGAAATTTATTTATTAAGT 1022
Db |||||
QY 961 ATACATTTTATTTATGTCAGTTTATTAATATGGAATTTATTAAGAAATTTATTTATTAAGT 1020
Db |||||
QY 1023 TTGATATTTT AGTATAGGCAATTAATTTATGCAATAACTATGAAACAGATATCT 1081
Db |||||
QY 1021 TTGATATTTTAGTATTAAGCAATTAATTTATGCAATAACTATGAAACAGATATCT 1080
Db |||||
QY 1082 TAGGCTTTTAAACACATGGATATCATAAA 1112
Db |||||
QY 1081 TAGGCTTTTAAACACATGGATATCATAAA 1111
Db |||||

RESULT 5
US-09-419-568F-9
; Sequence 9, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (tlfs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-9

Query Match 93.6%; Score 1047.8; DB 4; Length 1111;
Best Local Similarity 97.0%; Pred. No. 2.4e-255;
Matches 1078; Conservative 0; Mismatches 32; Indels 1; Gaps 1;

QY 3 AACAGGCTCTCTCTCTCACTTATCAACTGTGTGACATCTGTGGATCTCTGATGGTGTCTCT 62
Db 1 AACAGGCTCTCTCTCTCACTTATCAACTGTGTGACATCTGTGGATCTCTGATGGTGTCTCT 60
QY 63 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 122
Db 61 GCAGAAATCTATGAGTTTTCCTTATGGGACCTTTGGCCGCGCAGCTGCCTGCTTCTCAT 120
QY 123 TGCCTCTGTGGGCCCAGAGGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 182
Db 121 TGCCTCTGTGGGCCCAGAGGCAAAATGCGCTGCGCTCAACACCCGGTGCAAGCTTGAGGT 180
QY 183 GTCCAACTTCCAGGAGCGGTATCATCGTCAAGCGACCTTTATGCTGCGCCAGAGGCCAG 242
Db 181 GTCCAACTTCCAGGAGCGGTATCATCGTCAAGCGACCTTTATGCTGCGCCAGAGGCCAG 240
QY 243 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGGAGTCAG 302
Db 241 CTTGCGAGATAAACAACAGAGCTGCGCTCATCGGGAGAAATGTTCCGAGGAGTCAG 300
QY 303 TGTAAAGATCAGTCTACTCTGATGAAGCAGGTGCTCAACTTCAACCTGGAAGAGCTTCT 362
Db 301 TGTAAAGATCAGTCTACTCTGATGAAGCAGGTGCTCAACTTCAACCTGGAAGAGCTTCT 360
QY 363 GTTCCCGCAGTCAGACAGGTTCCAGCCCTACATGCGAGGAGTGTTCTTCTGACCAA 422
Db 361 GTTCCCGCAGTCAGACAGGTTCCCGCCCTACATGCGAGGAGTGTTCTTCTGACCAA 420
QY 423 ACTCAGCAATCAGCTCAGCTGCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 482
Db 421 ACTCAGCAATCAGCTCAGCTGCTGTCAATCAGCGGTGACACAGAACATCCAGAGAA 480
QY 483 TGTCAAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGAGTGAGAGATCAAGGCGAT 542
Db 481 TGTCAAGGCTGAGGAGACAGTGAAGAGCTTGGAGAGAGTGAGAGATCAAGGCGAT 540
QY 543 TGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 602
Db 541 CGGGAACTGGACCTGCTCTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAGAGAAAG 600
QY 603 CTAGAAAGGAGAACTGCTCTGCTCTTCTTAAAGAGAACTTAAAGATCCCTGATG 662
Db 601 CTAGAAAGGAGAACTGCTCTGCTCTTCTTAAAGAGAACTTAAAGATCCCTGATG 660

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; ORGANISM: Mus musculus
US-09-178-973B-8

Query Match 53.7%; Score 601.4; DB 3; Length 7445;
Best Local Similarity 99.8%; Pred. No. 3.4e-142;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 510 AAAGCTTGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAAGTGGACCTGCTGTTATGTC 569
DB 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAAGTGGACCTGCTGTTATGTC 6594
QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAGAACTGCTTCTTCT 629
DB 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAGAACTGCTTCTTCT 6654
QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTAAAGGAAAGTGAGAA 689
DB 6655 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTAAAGGAAAGTGAGAA 6714
QY 690 GCTAACCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 749
DB 6715 GCTAACCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 6774
QY 750 TAGTGTCAAGTTGCTCCATGAGCAGAGAGAGTGGATGCTGTAACCAACAGAGATTCATTGCA 809
DB 6775 TAGTGTCAAGTTGCTCCATGAGCAGAGAGAGTGGATGCTGTAACCAACAGAGATTCATTGCA 6834
QY 810 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTAATTTAAAAAATTTGTTGAA 869
DB 6835 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTAATTTAAAAAATTTGTTGAA 6894
QY 870 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 929
DB 6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 6954
QY 930 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 989
DB 6955 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
QY 990 ATATGGAATTTATTAAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATAATA 1049
DB 7015 ATATGGAATTTATTAAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATAATA 7074
QY 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 1109
DB 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 7134
QY 1110 AAA 1112
DB 7135 AAA 7137

RESULT 8
US-09-419-568F-8
; Sequence 8, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-8

Query Match 53.7%; Score 601.4; DB 4; Length 7445;
Best Local Similarity 99.8%; Pred. No. 3.4e-142;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 510 AAAGCTTGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAAGTGGACCTGCTGTTATGTC 569
DB 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAAGTGGACCTGCTGTTATGTC 6594
QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAGAACTGCTTCTTCT 629
DB 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAGAACTGCTTCTTCT 6654
QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTAAAGGAAAGTGAGAA 689
DB 6655 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTAAAGGAAAGTGAGAA 6714
QY 690 GCTAACCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 749
DB 6715 GCTAACCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAGAAAA 6774
QY 750 TAGTGTCAAGTTGCTCCATGAGCAGAGAGAGTGGATGCTGTAACCAACAGAGATTCATTGCA 809
DB 6775 TAGTGTCAAGTTGCTCCATGAGCAGAGAGAGTGGATGCTGTAACCAACAGAGATTCATTGCA 6834
QY 810 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTAATTTAAAAAATTTGTTGAA 869
DB 6835 ATATTTTATGTCACCTGATGATACACAGAAAAAATAATGTAATTTAAAAAATTTGTTGAA 6894
QY 870 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 929
DB 6895 AGAGGTTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACCTCATTTCCTATATCCAA 6954
QY 930 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 989
DB 6955 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
QY 990 ATATGGAATTTATTAAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATAATA 1049
DB 7015 ATATGGAATTTATTAAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATAATA 7074
QY 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 1109
DB 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTTAAATAACACATGATATCAT 7134
QY 1110 AAA 1112
DB 7135 AAA 7137

RESULT 9
US-09-354-243B-8
; Sequence 8, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible F
; TITLE OF INVENTION: (Tifs)

; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-8

Query Match 53.7%; Score 601.4; DB 4; Length 7445;
Best Local Similarity 99.8%; Pred. No. 3.4e-142;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 510 AAGCTTGGAGAGTGGAGAGATCAAGCGATGGGAGTGGGAGCTGGAGCTGCTTTATGTC 569
DB 6535 ATAGCTTGGAGAGTGGAGAGATCAAGCGATGGGAGTGGGAGCTGGAGCTGCTTTATGTC 6594
QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAACTAGAAAACGAGAACTGCTCTCTCT 629
DB 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAACTAGAAAACGAGAACTGCTCTCTCT 6654
QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTTAAAGGAAAGTGAGAA 689
DB 6555 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTTAAAGGAAAGTGAGAA 6714
QY 690 GCTAACGCTCCATCATCATTTAGAGATTCATGAAGATTCATGAAGATTCATGAAGATTCATGAAG 749
DB 6715 GCTAACGCTCCATCATCATTTAGAGATTCATGAAGATTCATGAAGATTCATGAAGATTCATGAAG 6774
QY 750 TAGTGTCAGTGTGTCATGAGACGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 809
DB 6775 TAGTGTCAGTGTGTCATGAGACGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 6834
QY 810 ATATTTATGTCATGATGATCAACAGAGAAATTAATGATGATGATGATGATGATGATGATGATGATGAT 869
DB 6835 ATATTTATGTCATGATGATCAACAGAGAAATTAATGATGATGATGATGATGATGATGATGATGATGAT 6894
QY 870 AGGAGGTACCTCTCATCTTTAGAAAAGAGCTTATGATGATGATGATGATGATGATGATGATGATGAT 929
DB 6895 AGGAGGTACCTCTCATCTTTAGAAAAGAGCTTATGATGATGATGATGATGATGATGATGATGATGAT 6954
QY 930 TATTTATATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 989
DB 6955 TATTTATATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 7014
QY 990 ATATGGATTTATTTATAGAACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1049
DB 7015 ATATGGATTTATTTATAGAACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 7074
QY 1050 TTTATGACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1109
DB 7075 TTTATGACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 7134
QY 1110 AAA 1112
DB 7135 AAA 7137

RESULT 10
US-09-178-973B-17
; Sequence 17, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18

; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 17
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-17

Query Match 49.6%; Score 555.2; DB 3; Length 5935;
Best Local Similarity 96.0%; Pred. No. 1.4e-130;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 510 AAAGCTTGGAGAGTGGAGAGATCAAGCGATGGGAGTGGGAGCTGGAGCTGCTTTATGTC 569
DB 5221 ATAGCTTGGAGAGTGGAGAGATCAAGCGATGGGAGTGGGAGCTGGAGCTGCTTTATGTC 5280
QY 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 629
DB 5281 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 5340
QY 630 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTTAAAGGAAAGTGAGAA 689
DB 5341 GCCTTCTAAAAGAACATTAAGATCCCTGAATGAGCTTTTACTTAAAGGAAAGTGAGAA 5400
QY 690 GCTAACGCTCCATCATCATTTAGAGATTCACATGAGAACTGGCTCAGTTGAAAAGAGAAA 749
DB 5401 GCTAACGCTCCATCATCATTTAGAGATTCACATGAGAACTGGCTCAGTTGAAAAGAGAAA 5460
QY 750 TAGTGTCAGTGTGTCATGAGACGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 809
DB 5461 TAGTGTCAGTGTGTCATGAGACGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 5520
QY 810 ATATTTATGTCATGATGATCAACAGAGAAATTAATGATGATGATGATGATGATGATGATGATGATGAT 869
DB 5521 ATATTTATGTCATGATGATCAACAGAGAAATTAATGATGATGATGATGATGATGATGATGATGATGAT 5580
QY 870 AGGAGGTACCTCTCATCTTTAGAAAAGAGCTTATGATGATGATGATGATGATGATGATGATGATGAT 929
DB 5581 AGGAGGTACCTCTCATCTTTAGAAAAGAGCTTATGATGATGATGATGATGATGATGATGATGATGAT 5640
QY 930 TATTTATATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 989
DB 5641 TATTTATATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 5700
QY 990 ATATGGATTTATTTATAGAACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1048
DB 5701 ATATGGATTTATTTATAGAACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 5760
QY 1049 ATTTATGACATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1108
DB 5761 ATTTATGATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 5820
QY 1109 TAAA 1112
DB 5821 TAAA 5824

RESULT 11
US-09-419-568F-29
; Sequence 29, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18

; PRIOR APPLICATION NUMBER: US09/354,243
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-29

Query Match 49.6%; Score 555.2; DB 4; Length 5935;
Best Local Similarity 96.0%; Pred. No. 1.4e-130;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 510 AAAGCTTCGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGACCTGCTGTTATGTC 569
DB 5221 ATAGCTTGGAGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTATGTC 5280
QY 570 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 629
DB 5281 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 5340
QY 630 GCCTCTTAAAGAGACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGA 689
DB 5341 GCCTCTTAAAGAGACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGA 5400
QY 690 GCTAACGCTCATCATATTAGAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAA 749
DB 5401 GCTAACGCTCCACCATCATTAGAAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAA 5460
QY 750 TAGTGTCAAGTTGTCCATGAGACGAGGTAGACTTGTATACCAAGAAATTCATTGACA 809
DB 5461 TAGTGTCAAGTTGTCCATGAGACGAGGTAGACTTGTATACCAAGAAATTCATTGACA 5520
QY 810 ATATTATTATGTCATGATGATACACAGAAAATATGATCTTTAAAAAATTTGTTGAA 869
DB 5521 ATATTATTATGTCATGATGATACACAGAAAATATGATCTTTAAAAAATTTGTTGAA 5580
QY 870 AGGAGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAACCTTCATTTCCTATCCAA 929
DB 5581 AGGAGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAACCTTCATTTCCTATCCAA 5640
QY 930 TATTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTATTA 989
DB 5641 TACTTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTATTA 5700
QY 990 ATATGGATTTATTTATAGAAACATTTCTGCTATTGATATTT-AGTATAAGGCAAAATAT 1048
DB 5701 ATATGGATTTATTTATAGAAACATTTCTGATGTTGATATTTGAGTATAAGCAAAATAT 5760
QY 1049 ATTTATGACATAACTATGGAACAGATATCTTAGGCTTTTAAACACATGATATCA 1108
DB 5761 ATTTATGATAATACTATAGAAACAGATATCTTAGGCTTTTAAACACATGATATCA 5820
QY 1109 TAAA 1112
DB 5821 TAAA 5824

RESULT 12
US-09-354-243B-29
; Sequence 29, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Title)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1

; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-29

Query Match 49.6%; Score 555.2; DB 4; Length 5935;
Best Local Similarity 96.0%; Pred. No. 1.4e-130;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 510 AAAGCTTCGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGACCTGCTGTTATGTC 569
DB 5221 ATAGCTTGGAGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTATGTC 5280
QY 570 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 629
DB 5281 TCTGAGAAATGCTTCGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTTCCT 5340
QY 630 GCCTCTTAAAGAGACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGA 689
DB 5341 GCCTCTTAAAGAGACATATAGATCCCTGAATGACATTTTACTAAAGCAAGTGA 5400
QY 690 GCTAACGCTCATCATATTAGAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAA 749
DB 5401 GCTAACGCTCCACCATCATTAGAAGATTTCAATGAAAACCTGGCTCAGTTGAAAAGAAA 5460
QY 750 TAGTGTCAAGTTGTCCATGAGACGAGGTAGACTTGTATACCAAGAAATTCATTGACA 809
DB 5461 TAGTGTCAAGTTGTCCATGAGACGAGGTAGACTTGTATACCAAGAAATTCATTGACA 5520
QY 810 ATATTATTATGTCATGATGATACACAGAAAATATGATCTTTAAAAAATTTGTTGAA 869
DB 5521 ATATTATTATGTCATGATGATACACAGAAAATATGATCTTTAAAAAATTTGTTGAA 5580
QY 870 AGGAGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAACCTTCATTTCCTATCCAA 929
DB 5581 AGGAGTTACCTCTCATTCCTTTAGAAAAAGCTTATGTAACCTTCATTTCCTATCCAA 5640
QY 930 TATTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTATTA 989
DB 5641 TACTTTATATATGTAAGTTTATTTATTAAGTATACATTTATTTATGTCAGTTATTA 5700
QY 990 ATATGGATTTATTTATAGAAACATTTCTGCTATTGATATTT-AGTATAAGGCAAAATAT 1048
DB 5701 ATATGGATTTATTTATAGAAACATTTCTGATGTTGATATTTGAGTATAAGCAAAATAT 5760
QY 1049 ATTTATGACATAACTATGGAACAGATATCTTAGGCTTTTAAACACATGATATCA 1108
DB 5761 ATTTATGATAATACTATAGAAACAGATATCTTAGGCTTTTAAACACATGATATCA 5820
QY 1109 TAAA 1112
DB 5821 TAAA 5824

RESULT 13
US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Rong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.

;; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
;; FILE REFERENCE: P2806-1 (US)
;; CURRENT APPLICATION NUMBER: US/09/870,574
;; CURRENT FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: US 60/169,495
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: PCT/US00/14042
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: PCT/US00/23328
;; PRIOR FILING DATE: 2000-08-24
;; NUMBER OF SEQ ID NOS: 7
;; SEQ ID NO 1
;; LENGTH: 1152
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match 46.9%; Score 524.8; DB 4; Length 1152;
Best Local Similarity 73.2%; Pred. No. 3.3e-123;
Matches 832; Conservative 0; Mismatches 267; Indels 37; Gaps 11;
QY 9 CTCCTCTCTCACTATCACTGTTGACACTTGTGCGATCTCTGATGCTGCTCTGCTGAGAA 68
DB 15 CTCCTTCCCAGTCACAGTTGCTCGAGTTAGATTCTGCAATGGCCGCTCGAGAA 74
QY 69 ATCTATGAGTTTTCCTTATGGGAGCTTTGGCGCCAGCTGCTGCTCTCTCTCTGAGCTT 128
DB 75 ATCTGTGAGCTTTCCTTATATGGGAGCCCTGGCCACAGCTGCTCTCTCTCTGAGCTT 134
QY 129 GTGGCCCGCAGGAGGCAATGGCTGCCGCTCAACACCCGGTGAAGCTTGAGGTGCCAA 188
DB 135 CTGTGTACAGGAGGAGGAGCTGGCCCAATCAGCTCCCACTGCGAGCTTGACAGTCCAA 194
QY 189 CTTCCAGCAGCGTATCTGTCACCGCACTTTATGCTGCGCCAGGAGGAGGAGGAGGAGG 248
DB 195 CTTCCAGCAGCGCTATATCAACCAACCGCACTTCTGCTGCTGAGGAGGAGGAGGAGG 254
QY 249 AGATAACAACACAGCAGCTCCGCTCATCGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 308
DB 255 TGATAACAACACAGCAGCTTCCTCTATTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAG 314
QY 309 AGATCAGTGTCTACGTATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 368
DB 315 TGAGGCTGTCTATCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 374
QY 369 CCAGTCAGCAGAGGTTCCAGGCGCTACATGCGAGGAGGAGGAGGAGGAGGAGGAGGAGG 428
DB 375 TCAATCTGATAGTTCCAGGCTTATATGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 434
QY 429 CAATCAGCTCAGCTCTCTGATCAGATCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 488
DB 435 CAACAGGCTAAGCAGCATGTCTATTTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 494
QY 489 AAGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 548
DB 495 AAGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 554
QY 549 ACTGAGCTGCTGTTTATGCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 608
DB 555 ACTGAGTGTGCTGTTTATGCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 614
QY 609 AACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 668
DB 615 AATGAATAACTAACCCCTTTCCTGCTAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 674
QY 669 TTTA-----CTAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 724
DB 675 TTTTAACTAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 734
QY 725 AACCTGGCTCAGTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 781
DB 735 ACCCTGGCTAGTTTACAAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 794

RESULT 14

US-09-419-568P-24

; Sequence 24, Application US/09419568P

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Louhed, Jamila

; APPLICANT: Renaud, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac

; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568P

; PRIOR FILING DATE: 1999-10-18

; PRIOR APPLICATION NUMBER: US09/354,243

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 24

; LENGTH: 690

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

US-09-419-568P-24

Query Match 36.6%; Score 409.2; DB 4; Length 690;

Best Local Similarity 76.1%; Pred. No. 4.3e-94;

Matches 504; Conservative 0; Mismatches 158; Indels 0; Gaps 0;

QY 9 CTCCTCTCTCACTATCACTGTTGACACTTGTGCGATCTCTGATGCTGCTCTCTGAGAA 68
DB 29 CTCCTTCCCAGTCACAGTTGCTCGAGTTAGATTGTTGCAATGGCCGCTCGAGAA 88
QY 69 ATCTATGAGTTTTCCTTATGGGAGCTTTGGCGCCAGCTGCTGCTCTCTCTCTCTCT 128
DB 89 ATCTGTGAGCTTCTTCTTATGGGAGCCCTGCGCCAGCTGCTGCTCTCTCTCTCTCT 148
QY 129 GTGGCCCGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 188
DB 149 CTTGGTACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 208
QY 189 CTTCCAGCAGCGTATCTGTCACCGCACTTTATGCTGCGCCAGGAGGAGGAGGAGGAGG 248
DB 209 CTTCCAGCAGCGCTATATCAACCAACCGCACTTCTGCTGCTGAGGAGGAGGAGGAGG 268
QY 249 AGATAACAACACAGCAGCTCCGCTCATCGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 308

209 CTTCCAGCAGCCCTATATCACCACCGCACCTTCATGTGGCTAAGAGGCTAGCTTGGC 268
249 AGATACACACACAGAGCTCCGCTCATCGGGGAGAAAACCTGTTCCGAGGAGTCAAGTCTAA 308
269 TGATAACAACAACAGACCTTCCTCATTTGGGGAGAACTGTTCCACGGAGTCAAGTATGAG 328
309 AGATAGTGTACCTGATGAAGCAGGTCTCAACTTCACCTCCCTGGAGAGCTTCTGCTCCC 368
329 TGAGCGCTGCTATCTGATGAAGCAGGTCTCAACTTCACCTTCGAGAAAGTCTGTTCCC 388
369 CCAGTCAGACAGCTTCACGCTTACATGAGGAGGTGTTACCTTTCCTGACCAAACTCAG 428
389 TCAATCTGATAGTTCCAGCTTATATGAGGAGGTGTTGCTTCTGCGCAGGCTCAG 448
429 CAATCAGCTCAGCTCTCTGTCACATCAGCGGTGAGACGACAGACATCCAGAGAACTCAG 488
449 CAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGTCATATCCAGAGGAATGTGA 508
489 AAGCTCAAGGAGACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGA 548
509 AAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGCGAATTTGAGA 568
549 ACTGACCTGCTGTTTATGTTCTGAGAAATGCTTGGCTGAGCGAGAGAGAGCTAGAA 608
569 ACTGGAATTTGCTGTTTATGTTCTGAGAAATGCTTGGCTGAGCGAGAGAGAGCTAGAA 628
609 AACGAGAACTGCTCTCTGCTTCTTAAAGAAACAAATAAGATCCCTCAATGGAGCTTT 668
629 AATGAATAACTAACCCCTTTCCCTGCTAGAAATTAACAATTAGATGCCCCCAAGCGATT 688
669 TT 670
689 TT 690

Search completed: February 11, 2004, 00:25:33
Job time : 60.7822 secs

269 TGATAACAACACAGACGTTCTCATTTGGGGAGAACTGTTCCACGAGTCAATATGAG 328
309 AGATCAGTGTACCTGATGAAGCAGGTGCTCAACTTTCACCTGGAAGAGCTTCTGCTCCC 368
329 TGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCACCTTGAAGAAGTCTGTTCCC 388
369 CAGTCAGACAGTTCAGGCTTACATGAGGAGGTGTTACCTTTCCTGACCAAACTCAG 428
389 TCAATCTGATAGTTCCAGCTTATATGAGGAGGTGTTGCTTCTTGGCAGGCTCAG 448
429 CAATCAGCTCAGCTCTCTGTCACATCAGCGGTGACGACGACGACATCCAGAGAAATGTGCA 488
449 CAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGTCATATCCAGAGGAATGTGA 508
489 AAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGA 548
509 AAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATCAAGCGAATTTGAGA 568
549 ACTGACCTGCTGTTTATGTTCTGAGAAATGCTTGGCTGAGCGAGAGAGAGCTAGAA 608
569 ACTGGAATTTGCTGTTTATGTTCTGAGAAATGCTTGGCTGAGCGAGAGAGAGCTAGAA 628
609 AAGGAGAACTGCTCTCTGCTTCTTAAAGAAACAAATAAGATCCCTGATGGAGCTTT 668
629 AATGAATAACTAACCCCTTTCCCTGCTAGAAATTAACAATTAGATGCCCCCAAGCGATT 688
669 TT 670
689 TT 690

RESULT 15
US-09-354-243B-24
; Sequence 24, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIPs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-24

Query Match 36.6%; Score 409.2; DB 4; Length 690;
Best Local Similarity 76.1%; Pred. No. 4.3e-94;
Matches 504; Conservative 0; Mismatches 158; Indels 0; Gaps 0;
QY 9 CTCCTCTTCACCTTATCAACTTGTGACACTTGTGGAGATCTGTGAGTGTCTGATGGCTGCTGCGAGAA 68
DB 29 CTCCTTCCCCAGTCACCACTTGTCTGAGTTAGAAATGTGCAATGGCGCCCTGCGAGAA 88
QY 69 ATCTATAGTATTTTCCCTTATGGGACTTTGGCGCCAGCTGCTGCTGCTTCTCATTTGCCCT 128
DB 89 ATCTGTGAGCTTTTCTTCTTATGGGACCTTGGCCACCACTGCTGCTTCTTCTTGGCCCT 148
QY 129 GTGGGCCCGAGGAGGAAATGCGGTGCTCCCTCAACACCGGTGCAAGCTTGGAGTGTCCAA 188
DB 149 CTTGGTACAGGAGGAGAGAGCTGCGGCCCATCAGCTCCCACTGAGCTTGAACAGTCCAA 208
QY 189 CTTCCAGCAGCGCTATCATCGTAAACGACCTTTATGCTGGCGCAAGGAGGCGCAGCTTGC 248

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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 2410.31 Seconds
(without alignments)
11378.044 Million cell updates/sec

Title: US-09-751-797-8
Perfect score: 7445
Sequence: 1 GTCATCAGCTGCTTAAGAT.....GATTAATGATGAT 7445

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2449703 seqs, 1841816367 residues 4899406
Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	4245.2	57.0	5935	9	US-09-751-797-29
3	686	9.2	4797	9	US-09-751-797-25
4	601.4	8.1	1119	9	US-09-751-797-7
5	598.2	8.0	1166	13	US-10-256-977-3
6	598.2	8.0	1166	15	US-10-084-298-3
7	555.2	7.5	1111	9	US-09-751-797-9
8	499	6.7	1050	15	US-10-090-365-40
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10	272.4	3.7	778	13	US-09-746-375-37
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13	215.6	2.9	1116	9	US-09-728-911-14
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16	215.6	2.9	1116	15	US-10-090-365-14	Sequence 14, Appl
17	215.6	2.9	1116	15	US-10-104-919-14	Sequence 14, Appl
18	214.2	2.9	1152	10	US-09-870-574-1	Sequence 1, Appl
19	214.2	2.9	1152	12	US-10-232-226-243	Sequence 243, App
20	214.2	2.9	1152	12	US-10-230-130-243	Sequence 243, App
21	214.2	2.9	1152	13	US-10-063-735-153	Sequence 153, App
22	214.2	2.9	1152	13	US-10-216-163-243	Sequence 243, App
23	214.2	2.9	1152	13	US-10-083-526-153	Sequence 153, App
24	214.2	2.9	1152	13	US-10-066-198-125	Sequence 125, App
25	214.2	2.9	1152	13	US-10-063-586-153	Sequence 153, App
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44	214.2	2.9	1152	13	US-10-063-582-153	Sequence 153, App
45	214.2	2.9	1152	13	US-10-063-583-153	Sequence 153, App

ALIGNMENTS

RESULT 1

US-09-751-797-8
; Sequence 8, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renault, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIFS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-8

Query Match	100.0%	Score 7445;	DB 9;	Length 7445;
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			Indels	0;
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5221 TTGGAAAGGTCAAGCGTGTGTGAGAAAGAACTCAGCAGAGATGTGTTCTCTGAGAAA 5280
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7381 AACCTGTAGCTAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 7440
7441 TGTAT 7445
7441 TGTAT 7445

RESULT 2
US-09-751-797-29
; Sequence 29, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louned, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29

LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-29

Query Match
Best Local Similarity 57.0%; Score 4245.2; DB 9; Length 5935;
Matches 5039; Conservative 0; Mismatches 178; Indels 487; Gaps 20;

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DB 293 TACCATGCTATCCGAGCATGTTCCCTGATGTTTGGCTTTTGGCTTCTCTCGCTAAC 352
QY 2031 AGGCTCTCTCTCACTATTCACATGTTGACATCTTGCGATCTCTGATGGCTGCTGCA 2090
DB 353 AGGCTCTCTCTCACTATTCACATGTTGACATCTTGCGATCGGTGATGGCTGCTGCA 412
QY 2091 GAAATCTATGAGTTTTCCTTTATGGGACTTTGGCGCAGCTGCTGCTTCTCATTTGC 2150
DB 413 GAAATCTATGAGTTTTCCTTTATGGGACTTTGGCGCAGCTGCTGCTTCTCATTTGC 472
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DB 533 CAATCTCCAGAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCAAAGGAGGTACAGCT 592
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DB 593 GCATCTCTTTCTCTCCATACCGCTTGGCCATTTCTCTGAAGCACTTGCAAACTCTTTAG 651
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 Db 4746 TAAACCCCTTTTCCCTGCTAGAAATAACAATTAGATGCCCCCAAGCGATTTTT 4797

RESULT 4
 US-09-751-797-7
 ; Sequence 7, Application US/09751797
 ; Patent No. US20010024852A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumoutier, Laure
 ; APPLICANT: Louhed, Jamila
 ; APPLICANT: Renauld, Jean-Christophe
 ; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Induc
 ; TITLE OF INVENTION: (TIFFS) The Proteins Encoded, and Uses Thereof
 ; FILE REFERENCE: LUD 5543.2
 ; CURRENT APPLICATION NUMBER: US/09/751,797
 ; CURRENT FILING DATE: 2000-12-29
 ; PRIOR APPLICATION NUMBER: 09/419,568
 ; PRIOR FILING DATE: 1999-10-18
 ; PRIOR APPLICATION NUMBER: US09/178,973
 ; PRIOR FILING DATE: 1998-10-26
 ; NUMBER OF SEQ ID NOS: 29
 ; SEQ ID NO 7
 ; LENGTH: 1119
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; FEATURE:
 US-09-751-797-7

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Qy	Db	510	AAAGCTTGGAGAGATGGAGAGATCAAGCGCATTTGGGAACTGGAACTGCTGCTGTTTATGTC	569
Qy	Db	6595	TCTGAGAAATGCTTGCCTCTGAGCGAGAGAAGCTAGAAAAACGAAGAACTGCTCCTCCT	6654
Qy	Db	570	TCTGAGAAATGCTTGCCTCTGAGCGAGAGAAGCTAGAAAAACGAAGAACTGCTCCTCCT	629
Qy	Db	6655	GCTTCTTAAAGAACATATAGTCCCTGATGACATTTTTTACTTAAGGAAAGTGAAGA	6714
Qy	Db	630	GCTTCTTAAAGAACATATAGTCCCTGATGACATTTTTTACTTAAGGAAAGTGAAGA	689
Qy	Db	6715	GCTTAACGTCCTCATCATTTAGAAATTTCAATGAAACCTCGCTCAGTTGAAAAAGAAAA	6774
Qy	Db	690	GCTTAACGTCCTCATCATTTAGAAATTTCAATGAAACCTCGCTCAGTTGAAAAAGAAAA	749
Qy	Db	6775	TAGTGTCAAGTTGCTCCATGACACGAGGTAGATTGATTAACCAACAAAGATTCATTGACA	6836
Qy	Db	750	TAGTGTCAAGTTGCTCCATGACACGAGGTAGATTGATTAACCAACAAAGATTCATTGACA	809
Qy	Db	6835	ATATTTTATTTGTCACCTGATGATACAACACAGAAAAATAATGTTACTTTTAAAAAATGTTTGA	6894

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Db 653 GCCTTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 712
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Qy 7135 AAA 7137
Db 1133 AAA 1135

RESULT 7
US-09-751-797-9
; Sequence 9, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751.797
; PRIOR FILING DATE: 2000-12-29
; PRIOR FILING DATE: 1999-10-18
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-9
Query Match 7.5%; Score 555.2; DB 9; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4e-119;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
Qy 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGCGATTGGGAACTGGACTGCTGTTTATGTC 6594
Db 508 AAAGCTTGAGAGAGCGGAGAGATCAAGCGATTGGGAACTGGACTGCTGTTTATGTC 567

Qy 6595 TCTGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAAGAACTGCTCTCTCT 6654
Db 568 TCTGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAAAGAACTGCTCTCTCT 627
Qy 6655 GCCTTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTTCTAAAAGAACATTAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 687
Qy 6715 GCTAACGCTCCATCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 6774
Db 688 GCTAACGCTCCATCATTAAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAAA 747
Qy 6775 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATTAACCAAGAGATTCATTGACA 6834
Db 748 TAGTGCAAGTTGTCATGAGACCGAGAGTAGACTTGATTAACCAAGAGATTCATTGACA 807
Qy 6835 ATATTTTATTTGTCACATGATGATACACAGAAAAAATAATGCTCTTTAAAAAAATTTGTTGAA 6894
Db 808 ATATTTTATTTGTCACATGATGATACACAGAAAAAATAATGCTCTTTAAAAAAATTTGTTGAA 867
Qy 6895 AGAGGTTACCTCTCATCTCTCTTTAGAAAAAAGCTTATGTAACCTTCATTCATACCAA 6954
Db 868 AGAGGTTACCTCTCATCTCTCTTTAGAAAAAAGCTTATGTAACCTTCATTCATACCAA 927
Qy 6955 TATTTTATATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TATTTTATATGTAAGTTTATTTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 987
Qy 7015 ATATGATTTTATTTATAGAAACATTAATCTGCTTATGATATTTTATGTAAGGCAATATA 7073
Db 988 ATATGATTTTATTTATAGAAACATTAATCTGCTTATGATATTTTATGTAAGGCAATATA 1047
Qy 7074 ATTTATGCAATAACTATGGAACAGATATCTTTAGGCTTTTAAACACATGATATCA 7133
Db 1048 ATTTATGCAATAACTATGGAACAGATATCTTTAGGCTTTTAAACACATGATATCA 1107
Qy 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 8
US-10-090-365-40
; Sequence 40, Application US/10090365
; Publication No. US2003007706A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090.365
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 1050
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (50)...(589)
US-10-090-365-40
Query Match 6.7%; Score 499; DB 15; Length 1050;
Best Local Similarity 96.1%; Pred. No. 5.7e-106;
Matches 522; Conservative 0; Mismatches 20; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACCTGCTGTTTATGTC 6594
Db 508 AAGCTTGGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAGAAGTCTCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAGAAGTCTCTTCT 627
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGTCATCATCATTAAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAGAAAA 6774
Db 688 GCTAACGTCATCATCATTAAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAGAAAA 6747
QY 6775 TAGTGTCAGAGTGTCCATGAGACAGAGGTAGACTTTGATAACCAAGAAATTCATTGACA 6834
Db 748 TAGTGTCAGAGTGTCCATGAGACAGAGGTAGACTTTGATAACCAAGAAATTCATTGACA 807
QY 6835 ATATTTTATGTCACATGATACAAACAGAAAAATATGATCTTTAAAAAATTTGTTTGA 6894
Db 808 ATATTTTATGTCACATGATACAAACAGAAAAATATGATCTTTAAAAAATTTGTTTGA 867
QY 6895 AGGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTAATTCATTCATATCCAA 6954
Db 868 AGGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTAATTCATTCATATCCAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TACTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGGATTTTATTAAGAACTATCTGCTATGATATTT-AGTAAAGCAATATAT 7073
Db 988 ATATGGATTTTATTAAGAACTATCTGCTATGATATTT-AGTAAAGCAATATAT 1047
QY 7074 ATT 7076
Db 1048 ATT 1050

RESULT 9
US-10-104-919-42
; Sequence 42, Application US/10104919
; Publication No. US2003099608A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 01-12
; CURRENT APPLICATION NUMBER: US/10/104,919
; PRIOR FILING DATE: 2002-03-23
; PRIOR APPLICATION NUMBER: US 60/279,222
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 42
; LENGTH: 1050
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (5)...(589)
US-10-104-919-42
Query Match 6.7%; Score 499; DB 15; Length 1050;
Best Local Similarity 96.1%; Pred. No. 5.7e-106;
Matches 522; Conservative 0; Mismatches 20; Indels 1; Gaps 1;
QY 6535 ATAGCTTGGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACCTGCTGTTTATGTC 6594

Db 508 AAGCTTGGAGAGCGGAGAGATCAAGCGATCGGGAACTGGACCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAGAAGTCTCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGAGCTAGAAAACGAAGAAGTCTCTTCT 627
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGTCATCATCATTAAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAGAAAA 6774
Db 688 GCTAACGTCATCATCATTAAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAGAAAA 747
QY 6775 TAGTGTCAGAGTGTCCATGAGACAGAGGTAGACTTTGATAACCAAGAAATTCATTGACA 6834
Db 748 TAGTGTCAGAGTGTCCATGAGACAGAGGTAGACTTTGATAACCAAGAAATTCATTGACA 807
QY 6835 ATATTTTATGTCACATGATACAAACAGAAAAATATGATCTTTAAAAAATTTGTTTGA 6894
Db 808 ATATTTTATGTCACATGATACAAACAGAAAAATATGATCTTTAAAAAATTTGTTTGA 867
QY 6895 AGGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTAATTCATTCATATCCAA 6954
Db 868 AGGAGGTTACCTCTCATCTTTAGAAAAAAGCTTATGTAATTCATTCATATCCAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TACTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGGATTTTATTAAGAACTATCTGCTATGATATTT-AGTAAAGCAATATAT 7073
Db 988 ATATGGATTTTATTAAGAACTATCTGCTATGATATTT-AGTAAAGCAATATAT 1047
QY 7074 ATT 7076
Db 1048 ATT 1050

RESULT 10
US-09-746-375-37
; Sequence 37, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTO18
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/***,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 778
; TYPE: DNA
; ORGANISM: mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (47)...(583)
US-09-746-375-37
Query Match 3.7%; Score 272.4; DB 13; Length 778;
Best Local Similarity 99.6%; Pred. No. 5.8e-53;
Matches 273; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6535 ATAGCTTGGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACCTGCTGTTTATGTC 6594
Db 505 AAAGCTTGGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACCTGCTGTTTATGTC 564

QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAGAACTGCTCTCTCT 6654
DB 565 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAGAACTGCTCTCTCT 624
QY 6655 GCCTTCTAAAGAAACAATAAGTCCCTGAATGGACTTTTTTACTAAAGGAAGTGAAG 6714
DB 625 GCCTTCTAAAGAAACAATAAGTCCCTGAATGGACTTTTTTACTAAAGGAAGTGAAG 684
QY 6715 GCTAAACGCTCCATCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAA 6774
DB 685 GCTAAACGCTCCATCATCATTTAGAGATTTTACATGAACCTGGCTCAGTTGAAAAGAAA 744
QY 6775 TAGTGCTCAAGTTGCTCCATGAGACACGAGGTAGAC 6808
DB 745 TAGTGCTCAAGTTGCTCCATGAGACACGAGGTAGAC 778

RESULT 11

US-10-256-977-1
; Sequence 1, Application US/10256977
; Publication No. US20030157106A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT FILING DATE: 2002-09-27
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US/10/084,298
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/281,353
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-256-977-1

Query Match 2.9%; Score 217.6; DB 13; Length 1191;
Best Local Similarity 70.9%; Pred. No. 5.4e-40;
Matches 454; Conservative 0; Mismatches 149; Indels 37; Gaps 11;
QY 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACGAGCTGCTGTTTATGTC 6594
DB 529 AAAGCTTGAGAGAGTGGAGAGATCAAGCAATTTGGAGACTGGATTGCTGTTTATGTC 588
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAGAACTGCTCTCTCT 6654
DB 589 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTGAAAATGAATTAACCTAACCCCTTT 648
QY 6655 GCCTTCTAAAGAAACAATAAGTCCCTGAATGGACTTTTTT---ACTAAAGGAAGTG 6710
DB 649 CCCTCTAGAAATACCAATTTAGTCCCAAGGCAATTTTTTTTAAACCAAGGAAGTG 708
QY 6711 AGAAGCTAACGCTCCATCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAG 6770
DB 709 GGAAGCCCAATCCCATCATGATGGTGGATTCCCAATGAACCCCTGGCTTAGTTACAAG 768
QY 6771 AAAATAGTGTCA--GTTGCTCATGAGACGAG-AGGTAGACTTGTATACCAAGAGATTC 6827

DB 769 GAAACCAATGCCACTTTTGTGTTTATAAGACGAGAGGTAGACTTTCTTAAGCATAGATATT 828
QY 6828 ATTGACAAATATTTTATTTGTCACCTGATG----ATFACACAGAAAATAATATGTTTAAAA 6883
DB 829 ATTGATAACATTTTCATTTGTAACCTGTTCTATACACAGAAAACAATTTTATTTTAAAT 888
QY 6884 AATTGTTTG-----AAAGGAGGTTACCTCTCATTCCTTTA---GAAAAAAGCTTATG 6933
DB 889 AATTGCTCTTTTCCATAAAAAAGATTTACITTCATTCCTTTTGGGGAAGAAAACCCCTAAA 948
QY 6934 TAACTTCA--TTTCCATATCCAATATTTTATATATGTAAGTTTATTTTATTAAGTATA- 6990
DB 949 TAGCTTCATGTTTCCATTAATCAGTACTTTTATATTAATGATTTTATTTATTTATATAA 1008
QY 6991 -----CATTTTATTTATGTCAGTTTATTAATATGAGTATTTTATAGACATTTATGTC 7045
DB 1009 GACTGCATTTTATTTATCATTTTATTAATATGAGTATTTTATTAAGAACATCATTGCA 1068
QY 7046 TATTGATA-TTTAGTATAAGGCAATA- --ATATTTATGACAATAACTATGG----AAAC 7097
DB 1069 TATTGCTACTTGAGTGAAGCTAATATGATATTTATGACAATAATTATAGAGCTATAA 1128
QY 7098 AAGATATCTTAGGCTTTAATAAACACATGATATCATAAA 7137
DB 1129 CATGTTTATTGACCTCAATAAACACATGGATATCCTAAA 1168

RESULT 12

US-10-084-298-1
; Sequence 1, Application US/10084298
; Publication No. US20030099649A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Pittman, Debra
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; APPLICANT: Xuan, Dejun
; TITLE OF INVENTION: Composition and Method for Treating Inflammatory
; TITLE OF INVENTION: Disorders
; FILE REFERENCE: G15358 CIP
; CURRENT FILING DATE: 2002-09-10
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/270,823
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/281,353
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/131,473
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/561,811
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-084-298-1

Query Match 2.9%; Score 217.6; DB 15; Length 1191;
Best Local Similarity 70.9%; Pred. No. 5.4e-40;
Matches 454; Conservative 0; Mismatches 149; Indels 37; Gaps 11;
QY 6535 ATAGCTTGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACGAGCTGCTGTTTATGTC 6594
DB 529 AAAGCTTGAGAGAGTGGAGAGATCAAGCAATTTGGAGACTGGATTGCTGTTTATGTC 588
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTAGAAAACGAGAACTGCTCTCTCT 6654
DB 589 TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGCTGAAAATGAATTAACCTAACCCCTTT 648
QY 6655 GCCTTCTAAAGAAACAATAAGTCCCTGAATGGACTTTTTT---ACTAAAGGAAGTG 6710
DB 649 CCCTCTAGAAATACCAATTTAGTCCCAAGGCAATTTTTTTTAAACCAAGGAAGTG 708

QY 6711 AGAGCTAACGTCATCATATTAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAG 6770
DB 709 GGAAGCCAAACTCCATCAATGATGGGTGATTCGAATGAAACCTGGCTGATGATCAAG 768
QY 6771 AAAATAGTGTCAA--GTTGTCCATGAGACCAAG-AGGTAGACTTGATACCAACCAAGATTC 6827
DB 769 GAAACCAATGCCACTTTTGTGTTTATAAGACCAAGAGGTAGACTTTCTAAGCATAGATATTT 828
QY 6828 ATTGACATATTTATTTCTCACTGATG--ATACAACAGAAATAATGATGATCTTTAAAA 6883
DB 829 ATTGATACATTTCAATGATGTTCTGTTCTATACACAGAAACAATTTATTTTAAAT 888
QY 6884 AATTGTTTG-----AAAGGAGGTACCTCTCATTCCTTTA--GAAAAAAGCTTTATG 6933
DB 889 AATTGCTTTTCCATAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAAACCCCTAAA 948
QY 6934 TAACTTCA--TTTCCATATCCATATTTATATATATGTAAGTTTATTTATTAATAGTATA- 6990
DB 949 TAGCTTCATGTTTCCATATCATGTAATCTTTATTTATTAATGTAATTTATTTATTAATA 1008
QY 6991 -----CATTTTATTTATGTCAGTTTATTAATATGATTTATTTATAGAAACATTTATCTGC 7045
DB 1009 GACTGCAATTTATTTATATCATTTTATTAATATGATTTATTTATAGAAACATCATTCGA 1068
QY 7046 TATTGATA--TTAGTATAAGGCAATA--ATATTTATGCAATAACTATGCG----AAAC 7097
DB 1069 TATTGCTACTTGAGTGAAGGCTAATTTGATATTTATGACAAATTTATAGACTATA 1128
QY 7098 AAGATATCTTAGGCTTTAATAAACACATGGATATCATAAA 7137
DB 1129 CATGTTTATTGACCTCAATAAACACTTGGATATCCTAAA 1168

RESULT 13

US-09-728-911-14
; Sequence 14, Application US/09728911
; Patent No. US20020012669A1

GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.

; APPLICANT: Xu, Wenfeng

; APPLICANT: Kindsvogel, Wayne

; APPLICANT: Chen, Zhi

; TITLE OF INVENTION: Human Cytokine Receptor

; FILE REFERENCE: 99-93

; CURRENT APPLICATION NUMBER: US/09/728,911

; CURRENT FILING DATE: 2000-12-01

; PRIOR APPLICATION NUMBER: US 60/169,049

; PRIOR FILING DATE: 1999-12-03

; PRIOR APPLICATION NUMBER: US 60/232,219

; PRIOR FILING DATE: 2000-09-13

; PRIOR APPLICATION NUMBER: US 60/244,610

; PRIOR FILING DATE: 2000-10-31

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 14

LENGTH: 1116

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (21)...(557)

US-09-728-911-14

Query Match 2.9%; Score 215.6; DB 9; Length 1116;
Best Local Similarity 70.8%; Pred. No. 1.5e-39;

Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGGAGAGATGGAGAGATCAAGGCGATTGGGAACTGCGCTCTTTATGTC 6594

DB 479 AAAGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGGATTTCTGTTATGTC 538

QY 6595 TCTGAGAAATGCTTGCTGCTGAGCGAGAAAGCTAGAAAAAGAAAGAACTGCTCTCT 6654

DB 539 TCTGAGAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 598
QY 6655 GCCTTCTAAAAAGAACATATAGATCCCTGATGGACTTTTT---ACTAAAGGAAGTG 6710
DB 599 CCTGCTGAAATATACATATAGATGCCCAAGCCATTTTTTTTAAACCAAGGAAGTG 658
QY 6711 AGAAGCTAACGTCATCATATTAGAGATTTCACATGAAACCTGGCTCAGTTGAAAAAG 6770
DB 659 GGAAGCCAAACTCCATCATGATGGGTGATTCGAATGAAACCTGGCTGATGATCAAG 718
QY 6771 AAAATAGTGTCAA--GTTGTCCATGAGACCAAG-AGGTAGACTTGATACCAACCAAGATTC 6827
DB 719 GAAACCAATGCCACTTTTGTGTTTATAAGACCAAGAGGTAGACTTTCTAAGCATAGATATTT 778
QY 6828 ATTGACATATTTATTTCTCACTGATG--ATACAACAGAAATAATGATGATCTTTAAAA 6883
DB 779 AATTGATACATTTCAATGATGTTCTGTTCTATACACAGAAACAATTTATTTTAAAT 838
QY 6884 AATTGTTTG-----GAAAGGAGGTACCTCTCATTCCTTTA--GAAAAAAGCTTTATG 6933
DB 839 AATTGCTTTTCCATATCCATATGATTTTCCATTCCTTTAGGGGAAAAAACCCCTAAA 898
QY 6934 TAACTTCA--TTTCCATATCCATATTTATATATATGTAAGTTTATTTATTAATAGTATA- 6990
DB 899 TAGCTTCATGTTTCCATATCATGTAATCTTTATTTATTAATGTAATTTATTTATTAATA 958
QY 6991 -----CATTTTATTTATGTCAGTTTATTAATATGATTTATTTATAGAAACATTTATCTGC 7045
DB 959 GACTGCAATTTATTTATATCATTTTATTAATATGATTTATTTATAGAAACATCATTCGA 1018
QY 7046 TATTGATA--TTAGTATAAGGCAATA--ATATTTATGCAATAACTATGCG----AAAC 7097
DB 1019 TATTGCTACTTGAGTGAAGGCTAATTTGATATTTATGACAAATTTATAGACTATA 1078
QY 7098 AAGATATCTTAGGCTTTAATAAACACATGGATATCATATA 7135
DB 1079 CATGTTTATTGACCTCAATAAACACTTGGATATCCTA 1116

RESULT 14

US-09-925-055D-7

; Sequence 7, Application US/09925055D

; Publication No. US20030157096A1

GENERAL INFORMATION:

; APPLICANT: Kindsvogel, Wayne R.

; APPLICANT: Topouzis, Stavros

; TITLE OF INVENTION: SOLUBLE ZCYTOR11 CYTOKINE RECEPTORS

; FILE REFERENCE: 00-56

; CURRENT APPLICATION NUMBER: US/09/925,055D

; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/223,827

; PRIOR FILING DATE: 2000-08-08

; PRIOR APPLICATION NUMBER: US 60/250,876

; PRIOR FILING DATE: 2000-12-01

; NUMBER OF SEQ ID NOS: 35

; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 7

LENGTH: 1116

TYPE: DNA

ORGANISM: homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (21)...(557)

US-09-925-055D-7

Query Match 2.9%; Score 215.6; DB 13; Length 1116;
Best Local Similarity 70.8%; Pred. No. 1.5e-39;

Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;

QY 6535 ATAGCTTGGAGAGATGGAGAGATCAAGGCGATTGGGAACTGCGCTCTTTATGTC 6594

DB 479 AAAGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGGATTTCTGTTATGTC 538

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QY 6595 TCTGAGAAATGCTTGGCTGAGCGAGAGAAAGCTAGAAAACGAAGAAGTGTCTCTCTCT 6654
Db 539 TCTGAGAAATGCTGCTGATTTGACGAGCAAGCTGAAATAATGAATACTAACCCCTTT 598
QY 6655 GCCTTCTAAAGAAACAATAAGATCCCTGAATGGACTTTTTT-----ACTAAGGAAGTG 6710
Db 599 CCCTGTAGAAAATAACAATTAGATGCCCAAGCGATTTTTTTTAAACCAAGGAAGATG 658
QY 6711 AGAAGCTAACGCTCCATCATTCATTAGAAAGATTTTACATGAAGATTTTCCATGAAACCTGGCTCAGTTCGAAAAAG 6770
Db 659 GGAAGCCAACTCCATCATGATGGGTGGATTTCCAAATGAACCCCTGGCTTAGTTACAAAG 718
QY 6771 AAAATAGTGTCAA--GTTGTCCATGAGACCAG--AGTAGACTTGTATACCAACAAGATTC 6827
Db 719 GAAACCAATGCCACTTTTCTTTATAGACCAGAGGTAGACTTTCTTAAGCATAGATATTT 778
QY 6828 ATTGACAATATTTATTGTGCACTGATG---ATACAAACAGAAAAATAATGTACTTTAAAA 6883
Db 779 ATTGATAACATTTTCATGTAACCTGGTGTCTATACAGAAAAACAATTTATTTTAAAT 838
QY 6884 AATTGTTT-----GAAAGGAGTTACCTCTCATTCCTTTA---GAAAAAAGCTTATG 6933
Db 839 AATTGCTTTTCCATAAAAAAGATTACTTTCCATTCCTTTAGGGGAAAAAACCCCTAAA 898
QY 6934 TAACTTCA--TTTCCATATCCAAATATTTATATGTAAGTTTATTTATATAAGTATA- 6990
Db 899 TAGCTTCNTGTTCCAAATACGACTTTATATTTATAAATGATTTTATTTATTTATA 958
QY 6991 -----CATTTTATTTATGTCAGTTTATTAATATGGAATTTTATTAAGAAACATTAATCTGC 7045
Db 959 GACTGCAATTTTATTTATATCAATTTATTAATATGGAATTTTATTAAGAAACATTCGA 1018
QY 7046 TATTGATA--TTTAGTATAAGGCAATA---ATATTTATGACATAACTATGG---AAAC 7097
Db 1019 TATTGCTACTGAGTGAAGGCTAATATTGATATTTATGACAAATAATTAAGAGCTATA 1078
QY 7098 AAGATATCTTAGGCTTTTAAATAACACATGGATATCATA 7135
Db 1079 CATGTTTATTGACCTCAATAAACACTTGGATATCCTA 1116

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RESULT 15

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US-09-746-375-1
; Sequence 1, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYT018
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/****,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (21)...(557)
US-09-746-375-1

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Query Match      2.9%; Score 215.6; DB 13; Length 1116;
Best Local Similarity 70.8%; Pred. No. 1.5e-39;
Matches 452; Conservative 0; Mismatches 149; Indels 37; Gaps 11;
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Search completed: February 11, 2004, 14:11:24
Job time : 2447.31 secs

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QY 3001 CCTCTTCTATTCAGTAAGACCCGAGTCTGCTGCTCTCTCTCTCACAGAGCTGAGGA 3060
DB 3001 CCTCTTCTATTCAGTAAGACCCGAGTCTGCTGCTCTCTCTCTCACAGAGCTGAGGA 3060
QY 3061 GGGGCTCAGCACCACCATCATAGGCCACTTGAATAGGTCAAAAGGCTTTGGCTTC 3120
DB 3061 GGGGCTCAGCACCACCATCATAGGCCACTTGAATAGGTCAAAAGGCTTTGGCTTC 3120
QY 3121 AATTGAGTAATCTTTGAGTTTGTATGAGTGAAGCTTTATTTGTTTATCCATGGAAGA 3180
DB 3121 AATTGAGTAATCTTTGAGTTTGTATGAGTGAAGCTTTATTTGTTTATCCATGGAAGA 3180
QY 3181 AATCAACTCAAAATCTGTAGGATGAGAAAGATGTTGGAAACGAAAGGCTTAGATAGA 3240
DB 3181 AATCAACTCAAAATCTGTAGGATGAGAAAGATGTTGGAAACGAAAGGCTTAGATAGA 3240
QY 3241 GAAACAGATCTGCTGAGTATAGTACTTATGGGGGAGCAGGGGCGATATCCACTGAGTA 3300
DB 3241 GAAACAGATCTGCTGAGTATAGTACTTATGGGGGAGCAGGGGCGATATCCACTGAGTA 3300
QY 3301 CAAGTACTTGTGGGAGAGAAATCCACTGAGTCAAGTACTTGTGGATCGAGATCCAC 3360
DB 3301 CAAGTACTTGTGGGAGAGAAATCCACTGAGTCAAGTACTTGTGGATCGAGATCCAC 3360
QY 3361 TGAGTACAAGTACTTGTGGGGGAGGGAATGGCCACAGACGAAAGGTTGAAGGGAAGGAAG 3420

Db TGAGTCAAGTACTTGTGGGGGAGGAATGGCACAGACAAAGTTGAAGGAAAGAG 3420
Qy ATGAGAGGGCTCATGCTTGGGGGTGGAAGGTCACTCTCTTCCATGTGATGGAGGT 3480
Db ATGAGAGGGCTCATGCTTGGGGGTGGAAGGTCACTCTCTTCCATGTGATGGAGGT 3480
Qy TAAGAAAACCCAGTGTGTGAGTTGATGTCTTCAGACACCCCACTATGAAACATATCC 3540
Db TAAGAAAACCCAGTGTGTGAGTTGATGTCTTCAGACACCCCACTATGAAACATATCC 3540
Qy ACGAGAGCGGCGAGACTGTGGGAGACCTGGCAATTTAGGGAAGCGCGGCTTTTCACAG 3600
Db ACGAGAGCGGCGAGACTGTGGGAGACCTGGCAATTTAGGGAAGCGCGGCTTTTCACAG 3600
Qy AGAAACTTTATGCTCATCTCTGTGTCTACACTCCCACTTGTAGAGTTCACTCAGGT 3660
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Qy TTGCTTTCTACCGTCTTGTCTACTGTGGGAACTTCAGTAGGATTCGCCAAGACGAGGA 3720
Db TTGCTTTCTACCGTCTTGTCTACTGTGGGAACTTCAGTAGGATTCGCCAAGACGAGGA 3720
Qy CAGCTCTCTGTAAGGAGGAGCCTGGATTTCACTGTCTAGAGAACGAAATAGCTCAGA 3780
Db CAGCTCTCTGTAAGGAGGAGCCTGGATTTCACTGTCTAGAGAACGAAATAGCTCAGA 3780
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Qy CCAGTGAACCGTCAAGTGCCTCAGATATCTAGAGTTAGGCTCCACCGGATAGAT 3900
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Qy AAGCCATTCTAGGAGACGTGGGGATTCTTTCTGCTTCCAGTCCCTTCTACTTTG 4080
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Db TAACATTTTATTTGACTGTGCTACTCTGTGCTCAATTAAGTCTGCTGACCTGTATC 4140
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Qy AGTCAATGCTAGAGACAGCATCCCTGATTTCCAGCTCTGCACTTGTCTAGTGGCCATGT 4320
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Qy GTAATTAATTTGGCTTGAATTAAGTATTTGGGAAAGCCAGTTTCCACGAGCTCATATATC 4380
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Qy TGAGAACCATGCTAGAACTAGAAAGCTGGGACAAACTTACTAGAGATGATTTTTC 4440
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Qy CTGGATTTGCAAAATAGGACAGATATTTAGATCACTGCTATTAATAGCTATCATCTTAAT 4560
Db CTGGATTTGCAAAATAGGACAGATATTTAGATCACTGCTATTAATAGCTATCATCTTAAT 4560
Qy TAAATAATAGGCGCTATATATATATTTAAGATTAAACAAGAGTGGATAGCTCCCAAT 4620
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Qy TTACTTGGCTGCTTTCAAAAGGTAAATAATCAGTCACTGATTAATATAGTGTCAAG 4680
Db TTACTTGGCTGCTTTCAAAAGGTAAATAATCAGTCACTGATTAATATAGTGTCAAG 4680
Qy AAAATATGAGATGGAACCTTTCTCTTACCTTTTACCTTTCTTCTAGTTTTTTTTTC 4740
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Qy TTACACCTCTGATCAAGCCACTAGTAAGCACTATCTGCTGTGAGCTATATATAGCTTT 4800
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Qy ACAGCAAAACAACTTGTGTGCGCTCTTTGGGGAAGGGAACAGGATAGCAGGAGGCTC 4860
Db ACAGCAAAACAACTTGTGTGCGCTCTTTGGGGAAGGGAACAGGATAGCAGGAGGCTC 4860
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Db AGGCTAGCAAGTCTGACTTGCCTTAAAGCCAGAGCATGTTGATAGCAGGAAGTGAG 4920
Qy GCTCTTCGCAAGTGGGTGTGCTTAAAGTAATCAGAAACAGGAAGGCTCCGGTTGATGAAT 4980
Db GCTCTTCGCAAGTGGGTGTGCTTAAAGTAATCAGAAACAGGAAGGCTCCGGTTGATGAAT 4980
Qy TATCAGTAAGATATCTACCTTATCTCTTCTTCTGAAACCTTAAATCTCTTTTCTTG 5040
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Qy TGTGTAGGCTGATAACACACTTTGTTTCTTTTGTAGTCTTCAATGGCTTTGTAGATTTTA 5100
Db TGTGTAGGCTGATAACACACTTTGTTTCTTTTGTAGTCTTCAATGGCTTTGTAGATTTTA 5100
Qy GTGCTCTGCAAGTCTTGTGTAGAGGTTGTTTACCTTGCACACTGGGCTTGGATGTTAGC 5160
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Qy ATGCCAAGGACACACTTCTGAATGCTGTGTAAGGTTTATTTCAATTTACTTTCTC 5220
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Db ATGCTGTCTACATGAAAAGAGTGTTTAGGCCCGCTCTCATGGCTCTGGGAAAAGCACAATA 5400
Qy GGGGAAGGATGTTATGCTGAGAAATCTGACCGGAGGGAACCTGGTCAGAGCTCCCCCG 5460
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Qy AAGACCCACCAAGGTTTAAAGTAGGAAACAGTCCAGGCTGGGCTCATGTAATAGATGAAA 5520
Db AAGACCCACCAAGGTTTAAAGTAGGAAACAGTCCAGGCTGGGCTCATGTAATAGATGAAA 5520
Qy CAGAGCGGAGGATAGCTCAAAAGTTTCTAGGGTCCGAGTCTTAAAGATACAAA 5580
Db CAGAGCGGAGGATAGCTCAAAAGTTTCTAGGGTCCGAGTCTTAAAGATACAAA 5580

Qy	5581	TAGCTGCTTGGGCTTCTATAACAAGGAAGTCTGGGAAGGCAGCAAGTGAGAGGAAATCG	5644
Db	5581	TAGCTGCTTGGGCTTCTATAACAAGGAAGTCTGGGAAGGCAGCAAGTGAGAGGAAATCG	5640
Qy	5641	AAAGGGAABAAAACAGATGTAGAGCACTCGAACAGCTACAAATCCTCTACCAACCATTT	5700
Db	5641	AAAGGGAABAAAACAGATGTAGAGCACTCGAACAGCTACAAATCCTCTACCAACCATTT	5700
Qy	5701	TTCTTGGAACAATCTAGAAGGTAGTGATAGGTGATTCAGGGGACCTTGCTTTGCCAT	5760
Db	5701	TTCTTGGAACAATCTAGAAGGTAGTGATAGGTGATTCAGGGGACCTTGCTTTGCCAT	5760
Qy	5761	TTGAATCTGGGTTTTTCTCTCCATTCAGGTTGAAGCGCTCACCTTTTACCTCGAA	5820
Db	5761	TTGAATCTGGGTTTTTCTCTCCATTCAGGTTGAAGCGCTCACCTTTTACCTCGAA	5820
Qy	5821	TGGAGGAGAAAGAGGGGTGTTATGACTCCTACCTGGAGTTTTTACTAGTTTACGCAATG	5880
Db	5821	TGGAGGAGAAAGAGGGGTGTTATGACTCCTACCTGGAGTTTTTACTAGTTTACGCAATG	5880
Qy	5881	GAAACAGACTCGGACCTCCTCTTGACAAAATAATGAAAACCTGTTGTTCTCTGTT	5940
Db	5881	GAAACAGACTCGGACCTCCTCTTGACAAAATAATGAAAACCTGTTGTTCTCTGTT	5940
Qy	5941	TGTTCTTTTGTAAAGAAAGCACAGGCAAGCCGACCACTGGGTGAAATGTGGGCTTTT	6000
Db	5941	TGTTCTTTTGTAAAGAAAGCACAGGCAAGCCGACCACTGGGTGAAATGTGGGCTTTT	6000
Qy	6001	GAGTCAAGGCTTTTGAGTTGAGCACTCATCAATAGTTGATCAGGTCAAGGTGAGGGCTA	6060
Db	6001	GAGTCAAGGCTTTTGAGTTGAGCACTCATCAATAGTTGATCAGGTCAAGGTGAGGGCTA	6060
Qy	6061	CCTGTCAGCGCGACCCCTGCTGGCTTCGCACTTAAACATCTCCAGGTCTCAGTATCACTTC	6120
Db	6061	CCTGTCAGCGCGACCCCTGCTGGCTTCGCACTTAAACATCTCCAGGTCTCAGTATCACTTC	6120
Qy	6121	CTGCTACTTAGCACAGTTAGAGTTGAGCAACCTTTTTTCCAACCCCACTAAATTTT	6180
Db	6121	CTGCTACTTAGCACAGTTAGAGTTGAGCAACCTTTTTTCCAACCCCACTAAATTTT	6180
Qy	6181	AAATTGACAAAAGACTGTGTAATTTTGGGATACAGTGTGATAATTGATCTATGTGTGCAT	6240
Db	6181	AAATTGACAAAAGACTGTGTAATTTTGGGATACAGTGTGATAATTGATCTATGTGTGCAT	6240
Qy	6241	TGTGCAAGGTTCAATAGATAGATTAATAGGCCCATCAACAGCTTTATGGGTGGAATG	6300
Db	6241	TGTGCAAGGTTCAATAGATAGATTAATAGGCCCATCAACAGCTTTATGGGTGGAATG	6300
Qy	6301	CAAGTAATATAGGTAGATGCTGTGGTGTCCTTAGGTGCTAGGTCAGAAAGGCATGATTTAAGGTC	6360
Db	6301	CAAGTAATATAGGTAGATGCTGTGGTGTCCTTAGGTGCTAGGTCAGAAAGGCATGATTTAAGGTC	6360
Qy	6361	TTGGGCAAAATCATATTATCTCATGCTTAAATAACATATGTGATTATTAATCTTTTAG	6420
Db	6361	TTGGGCAAAATCATATTATCTCATGCTTAAATAACATATGTGATTATTAATCTTTTAG	6420
Qy	6421	AGAAGGCTGATACCTTGTTTTGGTGCTCAGCAAGCAATGTCACAGCTCTTTCTAACTG	6480
Db	6421	AGAAGGCTGATACCTTGTTTTGGTGCTCAGCAAGCAATGTCACAGCTCTTTCTAACTG	6480
Qy	6481	GTAACAATTAGAAAAATGCTACCTGTGCTCAAAATGGTTGTATTCCTTATTTTCATAGCT	6540
Db	6481	GTAACAATTAGAAAAATGCTACCTGTGCTCAAAATGGTTGTATTCCTTATTTTCATAGCT	6540
Qy	6541	TGGAGAGGTGAGAGATCAAGGCGATTGGGGAACCTGCACTGCTGTTTATGCTCTGAG	6600
Db	6541	TGGAGAGGTGAGAGATCAAGGCGATTGGGGAACCTGCACTGCTGTTTATGCTCTGAG	6600
Qy	6601	AAATGCTTGGCTCTGAGCGAAGAGCTAGAAAAAGAACTGCTCCTTCTCGCTTC	6660
Db	6601	AAATGCTTGGCTCTGAGCGAAGAGCTAGAAAAAGAACTGCTCCTTCTCGCTTC	6660

RESULT 3

RESULT 3
US-09-354-243B-8

US-09-334-243B-8 : Sequence 8. Application US/09354243B

Sequence 8, App. 117
Parent No. 6359117

; FILE# NO. 633911;
: GENERAL INFORMATION:; GENERAL INFORMATION:
: APPLICANT: Dumoutier, Laure

APPLICANT: Louhed, Jamila

APPLICANT: Renauld, Jean-Christophe

1. TITLE OF INVENTION: Isolated Nuclei

	TITLE OF INVENTION:	(TIES)
;	TITLE OF INVENTION:	(TIES)

1. TITLE OF INVENTION: (1118)
2. TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof

;	TITLE OF INVENTION:	THE FL
:	FILE REFERENCE:	5543.1

FILE REFERENCE: LUD 3343.1
CURRENT APPLICATION NUMBER: US/09/354 243B

;; CURRENT APPLICATION NUMBER: 1999-0
: CURRENT FILING DATE: 1999-0

;; CURRENT FILING DATE: 1999-07-18
; PRIOR APPLICATION NUMBER: US09/178 973

;; PRIOR APPLICATION NUMBER: US0
: PRIOR FILING DATE: 1998-10-26


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; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-8

Query Match      100.0%; Score 7445; DB 4; Length 7445;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7445; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTCATACCTGTTAAGATCTCTAAATTAATAAAAAAACTATTTCTTAATAAGTAAAA 60
Db 1 GTCATACCTGTTAAGATCTCTAAATTAATAAAAAAACTATTTCTTAATAAGTAAAA 60
QY 61 GCACACAGACGATTTATAGCATGGTCTGACCATGAGGTACAGAGTGAATGG 120
Db 61 GCACACAGACGATTTATAGCATGGTCTGACCATGAGGTACAGAGTGAATGG 120
QY 121 TAAGAGGCGCTATTATCAGCATTAACCAACATGTTAATGTTTCTTCGCGAAGCAAACT 180
Db 121 TAAGAGGCGCTATTATCAGCATTAACCAACATGTTAATGTTTCTTCGCGAAGCAAACT 180
QY 181 TGAATCTATGCTTAAACAACTCTCAAGCCTCTAATATAGTCTTAACGACTGGATCG 240
Db 181 TGAATCTATGCTTAAACAACTCTCAAGCCTCTAATATAGTCTTAACGACTGGATCG 240
QY 241 CTGCTGTCCAAACAGAGCTCTTGAGCAGCTCTCTCTGTTTGCATTTTATGTTCTTGA 300
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QY 421 TGTTCACCCACATATGCTGTGACCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
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QY 481 GCAGGAGAGGTCCTTGGCAGCGAGTCAAGATGTTGTGAGCCACCATGAGATGCT 540
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QY 541 GGGAGTTAGACCCAGGTCCTCCAGAGTGCAGCAATGCTTTAACCAACGCGCAAT 600
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QY 601 TCTCTCTCCAGCCCCAACATGAGTGTCTTTAGATTTCCACTAGATAGAGATCTGATGC 660
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Db 721 CCCCACACTGTTTCCGCTCTCAAGTCTGACCTCTCAACAGTCAAGATTTCCAGTGT 780
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QY 841 CTCAGTGTCCCTCTAACACTTTTGTATCTCAATAGCTGAGGGGAGAAATCTCACACA 900
Db 841 CTCAGTGTCCCTCTAACACTTTTGTATCTCAATAGCTGAGGGGAGAAATCTCACACA 900
QY 901 GTGATTTTCATGCTTCGCGTCTAGTCTAGATGTAGGCAATTTGCGTGTAGGT 960
Db 901 GTGATTTTCATGCTTCGCGTCTAGTCTAGATGTAGGCAATTTGCGTGTAGGT 960
QY 961 AGGCGTCTGCTCCGCTGCTTAGAAAGACTTTTCTAGTCTAGTCTAGTCTAGTCTAGT 1020
Db 961 AGGCGTCTGCTCCGCTGCTTAGAAAGACTTTTCTAGTCTAGTCTAGTCTAGTCTAGT 1020
QY 1021 GGATTCAGTGTACATACATGCAAAATCCCAAGTATTTTGTAAATTTCTCTTCAACT 1080
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Db 1141 TTGCACAAGTAAATGTACAGAAATTAGCAAAATGTATGATTTATTTTAAAAAAA 1200
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Db 1201 TCTATGCTTAAATGTCTATAGATTTTCACTACCATATTTTCCAAACTTTAATTGACC 1260
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Db 1801 AGAAGACGAGCTGGAATTAGATAATGTCTGATGTCTATCATCATCATCAATACCAAAA 1860
QY 1861 ACCCTGTGTCTCCGATGGCTATTAAGCAGCAACTTCTGCTCTCTCCCATCAGAGAG 1920
Db 1861 ACCCTGTGTCTCCGATGGCTATTAAGCAGCAACTTCTGCTCTCTCCCATCAGAGAG 1920
QY 1921 ACACCTAAACGAGTAAAGCCTCTACAGCAATCATCTGCTTGGTACCATGCTA 1980
Db 1921 ACACCTAAACGAGTAAAGCCTCTACAGCAATCATCTGCTTGGTACCATGCTA 1980
QY 1981 CCCGACCAACATGCTCCCTGATGTTTGTGCTTTTCTCTCTCACTAAACAGGCTCTCT 2040
Db 1981 CCCGACCAACATGCTCCCTGATGTTTGTGCTTTTCTCTCTCACTAAACAGGCTCTCT 2040
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Db 2041 CTCACCTATCAACTGTGACACTGTGCGATCTCTGATGCTGTCTCTGCGAAGAACTATG 2100
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Db 2101 AGTTTTTCCCTTATGGGGACTTTGGCGCCAGCTGCTCTCTCTCATTTCCCTGTGGGC 2160
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Db 2281 CTCCTCAATCCGCTTGCCATTTCTCTGAAGCACTTGCAAACTCTTTAGGGCGCTTTA 2340
Qy 2341 TCTCCGAGTCTCACTACTATGTTTCTGCTCTCTTAGAGACTCTTTAAGGACTGGGT 2400
Db 2341 TCTCCGAGTCTCACTACTATGTTTCTGCTCTCTTAGAGACTCTTTAAGGACTGGGT 2400
Qy 2401 CTTTTTCTATTTCTATTTCAAGGTCTCAGGACCAATTTCTATCTTGGCCTTCAGGACACA 2460
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Qy 2521 CATTTCTCTGTGCTCTCTGAACTCATACTCTCTTGGTACTCTCTGAGACCACTGG 2580
Db 2521 CATTTCTCTGTGCTCTCTGAACTCATACTCTCTTGGTACTCTCTGAGACCACTGG 2580
Qy 2581 GACATACATCTCTACTTACAGGCTTTTCTTCCATCTCTCTGTCACCCAGGCACTTAGGGT 2640
Db 2581 GACATACATCTCTACTTACAGGCTTTTCTTCCATCTCTCTGTCACCCAGGCACTTAGGGT 2640
Qy 2641 TTTCTCTCTTTCAGGCGAGCTTGAGATAACAACACAGAGCTCGGCTCATCGGGAGA 2700
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Qy 2701 AACTGTTCGAGGAGTCAAGTAACTCTCACTGTGATGAGCAGGCTAGCTCGGGAGC 2760
Db 2701 AACTGTTCGAGGAGTCAAGTAACTCTCACTGTGATGAGCAGGCTAGCTCGGGAGC 2760
Qy 2761 TGGTGGACCTCTGGGATAGTCTGAGTATGACCCCTGCTCTTCTTGTCTACCTGCAGG 2820
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Qy 2941 TCAGCAATCAGCTCAGCTCTGTGTAAGTCTGACTCTGGCTACTATGCTCTCTCTCTT 3000
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Qy 3061 GGGGCTCAGCACCAACCAATCATAGGCCACTTGAATAGGTACCAAGGCTTTGCGTTC 3120
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Qy 3121 AATTGAGTAATACTTTGAGTTTGTATGAGTGAAGCTTTATTTGTTTATTCATGGAAGA 3180
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Qy 3181 AATCAACTCAAAATCTGTAGATGAGAAAGATCTTGGGAACGAAAAAGGCTTAGATAGA 3240
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Qy 3241 GAAACAGATCTGCTGAGTATAGTACTTATGCGGGAGCAGGGGGCGATATCCATGAGTA 3300
Db 3241 GAAACAGATCTGCTGAGTATAGTACTTATGCGGGAGCAGGGGGCGATATCCATGAGTA 3300
Qy 3301 CAAGTACTCTGCGGAGAGAAATCCCACTGAGTAAAGTACTTCTTGGCATGAGATCCAC 3360
Db 3301 CAAGTACTCTGCGGAGAGAAATCCCACTGAGTAAAGTACTTCTTGGCATGAGATCCAC 3360
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Db 3361 TGAGTACAAGTACTTGTGGGGGAGGGAATGGCACAGACAAAGTTGAAGGGAAGGAAG 3420
Qy 3421 ATGGAGAGGCTCTCATGTTGGGGGTGTGAAAGTCACTCTCTTTTCCATGTGAGGAGT 3480
Db 3421 ATGGAGAGGCTCTCATGTTGGGGGTGTGAAAGTCACTCTCTTTTCCATGTGAGGAGT 3480
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Db 3481 TAAGAAAAACAGTGTGTGAGTTTGTCTTCCAGACACCCCACTATGAAACATATCC 3540
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Db 3781 GAATCTAGGTCAACCTGAAATCTAGGTCAAGCGGGCAAAATGACTGAACGCTCTATT 3840
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QY 3763 AGAACGAATAGCTCAGAGATCTAGGTCAGCTGAAATCTAGGTCACAGCGGGCAAAA 3822
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Db 2396 CTTAGCTGCACCTGTATCTAGCTGGGTCTATAGATCTTTCAATCTGTCTAAATTTGTA 2455
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Db 4553 GAGAAGAA 4612
Qy 5964 -----GSCAAGCCGACACACATGGGT 5985
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Qy 7245 GTTG 7248
Db 5932 TTG 5935

RESULT 7

US-09-419-568F-25

Sequence 25, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-419-568F-25

Query Match 9.2%; Score 686; DB 4; Length 4797;
Best Local Similarity 53.8%; Pred. No. 5,2e-164;
Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

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Db 29 CTCCTCTCTCACTTATCAATGTTGACACTTTGTCGATCTCTGATGGCTGTCTCGAGAA 88

Qy 2094 ATCTATCAGTTTTTCCTTATGGGACTTTGGCCGACGCTGCTCTCTCTCTCTCTCTCT 2153
Db 89 ATCTATCAGTTTTTCCTTATGGGACTTTGGCCGACGCTGCTCTCTCTCTCTCTCTCT 148

Qy 2154 GTGGCCGACGAGCAAAATGGCTGCGCCGTCACACCCGCTGCAAGCTTGAGGTGCCAA 2213
Db 149 GTGGCCGACGAGCAAAATGGCTGCGCCGTCACACCCGCTGCAAGCTTGAGGTGCCAA 208

Qy 2214 CTTCCAGACGCTGACATCTGTCACCGACCTTTATGCTGCTGCTGCTGCTGCTGCTGCTG 2273
Db 209 CTTCCAGACGCTGACATCTGTCACCGACCTTTATGCTGCTGCTGCTGCTGCTGCTGCT 268

Qy 2274 TCTCTTCTCTCCATACCGCTTGGCAATTTCTCTGAAGCACTTGCAAACTTTTAGGGG 2333
Db 269 AATCT 328

Qy 2334 CGCTTTATCTCGGAGCTCTCACTACCTATGTTT-----TCGTCTCTTTAGAG 2382
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Db 389 TTTTTCAGAGACTCTTTGGGAATCTGGCTTTTCTTTTCTTTTCTTTTCTTTTCTTTCT 448

Qy 2443 CTTGGCTCTCAGGACACATATCTGAATTTATCTACAGAGGCGCAATTT--AGAAAGCCA 2500
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Qy 2818 AGGTAAAGATCACTGCT 2877

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Db 989 GGTCTCAGCAACAGGCTAAGCACTGTGTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 1048

Qy 2998 CTTCT 3057

Db 1049 CTCCT 1108

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Qy 3993 AAAGGTACTATTGGCAAGCCACAACTAAGCCATTCAGTAG-GAGAGTGGGGATTTC 4050
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Qy 4111 GTCCATTACTCGTTAGTCACTGATCTAGCTGGTCTATAGATCTTTCAATCTGTG 4170
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Qy 4347 TTGGGAA--GCCAGTTCCACGGACCTACATATCTGAGACCATGATTCGAAACTA 4404
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Db 1310 GAAACATCTAGCTGTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 1369
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Db 1370 CATGGAGAGAAATTAG 1415
Qy 3418 AAGATGAG 3477
Db 1416 -----GTCGGTGTGGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1460
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Qy 3537 ATCCAG 3594
Db 1521 AGTTGAGTGGAGTGGGAG 1580
Qy 3595 CACAG 3654
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Db 2537 AATTTCTGGA-----GTAATAACACTTATTTGAATTTATCATATACTATCATATA 2589
Qy 4581 TATATTTAAGATTAACACAGAGTGGATAGCTCCCAATTTACTTGGCTGGTTTCAAA 4640
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Qy	5723	AGTGGATTAGTGATTCACAGGGGACTGTGCTTTTGCCATTTGAAATCTGGGTTTTTGTCTCT 5782
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Db	3862	TAGACCTATATCTGGTTTTTCTATTAACATAAGCAAGTGGAAAGACTTATTTGGTATTT 3921
Qy	5903	CTTGACAAAAAAAATGAAACCTGTTGTTGTCTTGTGTTCTTTTGTGTTAAGAAAGCAC 5962
Db	3922	TTCCCAAAAAGTGAACACTTTTCTTTTACTGTTTGTGCAAAAAGGTGGAATAGAAAAG 3981
Qy	5963	AGGCAAGCCCGACCAATGGGTTGAAATGTGGGTCTTTTGAGTCAAGGCTTTTGAGTTGAG 6022

RESULT 9

RESULTS
US-09-178-973B-7

Sequence 7, Application US/09178973B

; Patent No. 6274710

GENERAL INFORMATION:

APPLICANT: Dumoutier, Laure

APPLICANT: Louhed, Jamila

APPLICANT: Renauld, Jean-Christophe

TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof

FILE REFERENCE: LUD 5543

: CURRENT APPLICATION NUMBER: US/0

: CURRENT FILING DATE: 197

; NUMBER OF

; NUMBER OF SEQ
; SEQ ID NO 7

```
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-178-973B-7

Query Match      8.1%; Score 601.4; DB 3; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAACCTGGACCTCTGCTTTATGTC 6594
Db 510 AAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAACCTGGACCTCTGCTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 6654
Db 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 629
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTAAAGGAAAGTGAGAA 6714
Db 630 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGTCCTCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAAGAAA 6774
Db 690 GCTAACGTCCTCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAAGAAA 749
QY 6775 TAGTGCAAGTTGCTCCATGAGACGAGAGGTAGACTTGTATAACCAAGATTCATTGACA 6834
Db 750 TAGTGCAAGTTGCTCCATGAGACGAGAGGTAGACTTGTATAACCAAGATTCATTGACA 809
QY 6835 ATATTTTATGTCTCAGTATGATACACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 6894
Db 810 ATATTTTATGTCTCAGTATGATACACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGGAGGTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACTTCATTTCCTATCCAA 6954
Db 870 AGGAGGTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACTTCATTTCCTATCCAA 929
QY 6955 TATTTTATATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCTGATTTATTA 7014
Db 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCTGATTTATTA 989
QY 7015 ATATGGATTTATTTATAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATATA 7074
Db 990 ATATGGATTTATTTATAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATATA 1049
QY 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGGATATCAT 7134
Db 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGGATATCAT 1109
QY 7135 AAA 7137
Db 1110 AAA 1112

RESULT 10
US-09-419-568P-7
; Sequence 7, Application US/09419568P
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419/568P
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
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; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568P-7

Query Match      8.1%; Score 601.4; DB 4; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAACCTGGACCTCTGCTTTATGTC 6594
Db 510 AAAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGGAACCTGGACCTCTGCTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 6654
Db 570 TCTGAGAAATGCTTGGCTCTGAGCGAGAGAGCTAGAAAACGAGAACTGCTCTCTCT 629
QY 6655 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTAAAGGAAAGTGAGAA 6714
Db 630 GCCTTCTAAAAGAAACAATAAGATCCCTGAATGGACTTTTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGTCCTCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAAGAAA 6774
Db 690 GCTAACGTCCTCATCATTTAGAGATTTTCAATGAAACCTGGCTCAGTTGAAAAAGAAA 749
QY 6775 TAGTGCAAGTTGCTCCATGAGACGAGAGGTAGACTTGTATAACCAAGATTCATTGACA 6834
Db 750 TAGTGCAAGTTGCTCCATGAGACGAGAGGTAGACTTGTATAACCAAGATTCATTGACA 809
QY 6835 ATATTTTATGTCTCAGTATGATACACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 6894
Db 810 ATATTTTATGTCTCAGTATGATACACAGAAAAATTAATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGGAGGTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACTTCATTTCCTATCCAA 6954
Db 870 AGGAGGTACCTCTCATCTCTTTAGAAAAAGCTTATGTAACTTCATTTCCTATCCAA 929
QY 6955 TATTTTATATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCTGATTTATTA 7014
Db 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCTGATTTATTA 989
QY 7015 ATATGGATTTATTTATAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATATA 7074
Db 990 ATATGGATTTATTTATAGAAACATTTATCTGCTATTTGATATTTAGTATAAGGCAATATA 1049
QY 7075 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGGATATCAT 7134
Db 1050 TTTATGCAATAACTATGGAACCAAGATATCTTAGGCTTTAATAAACACATGGATATCAT 1109
QY 7135 AAA 7137
Db 1110 AAA 1112

RESULT 11
US-09-354-243B-7
; Sequence 7, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
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; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-354-243B-7

Query Match 8.1%; Score 601.4; DB 4; Length 1119;
Best Local Similarity 99.8%; Pred. No. 7.6e-143;
Matches 602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACTGCTGTTTATGTC 6594
Db 510 AAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACTGCTGTTTATGTC 569
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGAACTGCTCCCTCT 6654
Db 570 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGAACTGCTCCCTCT 629
QY 6655 GCCTTCTAAAGAAACAAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
Db 630 GCCTTCTAAAGAAACAAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 689
QY 6715 GCTAACGTCCTCATCATCATTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAA 6774
Db 690 GCTAACGTCCTCATCATCATTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAA 749
QY 6775 TAGTGTCAGCTTGTCCATGACAGCAGAGGTAGACTTGTAAACCAAGAGATTTCATGACA 6834
Db 750 TAGTGTCAGCTTGTCCATGACAGCAGAGGTAGACTTGTAAACCAAGAGATTTCATGACA 809
QY 6835 ATATTTTATGTCACCTGATGATCAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA 6894
Db 810 ATATTTTATGTCACCTGATGATCAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA 869
QY 6895 AGAGGTTACCTCTCATTCTTTAGAAAAAAGCTTATGTAATTCATTTCATATCCAA 6954
Db 870 AGAGGTTACCTCTCATTCTTTAGAAAAAAGCTTATGTAATTCATTTCATATCCAA 929
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 930 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 989
QY 7015 ATATGATTTATTTATAGAAACATTATCTGCTATTGATATTTATAGTAAAGCAATATA 7074
Db 990 ATATGATTTATTTATAGAAACATTATCTGCTATTGATATTTATAGTAAAGCAATATA 1049
QY 7075 TTTATGACAATACTATGGAACAAGATATCTTAGGCTTTAATAACACATGATATCAT 7134
Db 1050 TTTATGACAATACTATGGAACAAGATATCTTAGGCTTTAATAACACATGATATCAT 1109
QY 7135 AAA 7137
Db 1110 AAA 1112

RESULT 12
US-09-178-973B-9
; Sequence 9, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; FILE REFERENCE: LUD 5543
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus

US-09-178-973B-9

Query Match 7.5%; Score 555.2; DB 3; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACTGCTGTTTATGTC 6594
Db 508 AAGCTTGGAGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGAACTGCTCCCTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGAAGAACTAGAAAACGAAAGAACTGCTCCCTCT 627
QY 6655 GCCTTCTAAAGAAACAAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTCTAAAGAAACAAATAAGATCCCTGAATGGACTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGTCCTCATCATCATTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAA 6774
Db 688 GCTAACGTCCTCATCATCATTAGAGATTTCACATGAACCTGGCTCAGTTGAAAAGAAA 747
QY 6775 TAGTGTCAGCTTGTCCATGACAGCAGAGGTAGACTTGTAAACCAAGAGATTTCATGACA 6834
Db 748 TAGTGTCAGCTTGTCCATGACAGCAGAGGTAGACTTGTAAACCAAGAGATTTCATGACA 807
QY 6835 ATATTTTATGTCACCTGATGATCAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA 6894
Db 808 ATATTTTATGTCACCTGATGATCAACAGAAAAAATATGTACTTTAAAAAATTTGTTGAA 867
QY 6895 AGAGGTTACCTCTCATTCTTTAGAAAAAAGCTTATGTAATTCATTTCATATCCAA 6954
Db 868 AGAGGTTACCTCTCATTCTTTAGAAAAAAGCTTATGTAATTCATTTCATATCCAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TATTTTATATGTAAGTTTATTTATTAAGATATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGATTTATTTATAGAAACATTATCTGCTATTGATATTT-AGTAAAGCAATATA 7073
Db 988 ATATGATTTATTTATAGAAACATTATCTGCTATTGATATTTAGTAAAGCAATATA 1047
QY 7074 ATTTATGACAATACTATGGAACAAGATATCTTAGGCTTTAATAACACATGATATCA 7133
Db 1048 ATTTATGATATACTATGGAACAAGATATCTTAGGCTTTAATAACACATGATATCA 1107
QY 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 13

US-09-419-568F-9
; Sequence 9, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus

FEATURE:
US-09-419-568F-9

Query Match 7.5%; Score 555.2; DB 4; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGAACTGGAAGCTGCTGTTTATGTC 6594
Db 508 AAAGCTTGGAGAGAGCGGAGAGATCAAGCGGATCGGGAACTGGACCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAAACGAGAACTGCTCCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAAACGAGAACTGCTCCTTCT 627
QY 6655 GCCTTCTAAAAGAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTCTAAAAGAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGTCCTCATCATTTAGAGATTTTCATGMAACCTGGCTCAGTTGAAAAGAAAA 6774
Db 588 GCTAACGTCCTCATCATTTAGAGATTTTCATGMAACCTGGCTCAGTTGAAAAGAAAA 747
QY 6775 TAGTGTCAAGTTGTCCTAGAGACGAGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 6834
Db 748 TAGTGTCAAGTTGTCCTAGAGACGAGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 807
QY 6835 ATATTTTATGTCAGTATGATCAACAGAAAAAATATGTAATTTTAAAAAATTTGTTGAA 6894
Db 808 ATATTTTATGTCAGTATGATCAACAGAAAAAATATGTAATTTTAAAAAATTTGTTGAA 867
QY 6895 AGGAGGTTACCTCTCATCTCTAGAAAAAAGCTTATGTAATTTTCCATATCCCAA 6954
Db 868 AGGAGGTTACCTCTCATCTCTAGAAAAAAGCTTATGTAATTTTCCATATCCCAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGATTTATTTATAGAACATTTCTGCTATTTGATTTT-AGTATAGGCAATAAT 7073
Db 988 ATATGATTTATTTATAGAACATTTCTGCTATTTGATTTT-AGTATAGGCAATAAT 1047
QY 7074 ATTTATGACATTAATCTAGGAAACAGATATCTTAGCTTTTAAACACATGATATCA 7133
Db 1048 ATTTATGACATTAATCTAGGAAACAGATATCTTAGCTTTTAAACACATGATATCA 1107
QY 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 14
US-09-354-243B-9

; Sequence 9, Application US/09354243B
; Patent No. 6359.17
; GENERAL INFORMATION:
; APPLICANT: Dumoulier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111
; TYPE: DNA
; ORGANISM: Mus musculus

FEATURE:
US-09-354-243B-9

Query Match 7.5%; Score 555.2; DB 4; Length 1111;
Best Local Similarity 96.0%; Pred. No. 4.2e-131;
Matches 580; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 6535 ATAGCTTGGAGAGAGTGGAGAGATCAAGCGGATTTGGGAACTGGAAGCTGCTGTTTATGTC 6594
Db 508 AAAGCTTGGAGAGAGCGGAGAGATCAAGCGGATCGGGAACTGGACCTGCTGTTTATGTC 567
QY 6595 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAAACGAGAACTGCTCCTTCT 6654
Db 568 TCTGAGAAATGCTTGGCTCTGAGCGGAGAGAGCTAGAAAACGAGAACTGCTCCTTCT 627
QY 6655 GCCTTCTAAAAGAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGGAAAGTGAGAA 6714
Db 628 GCCTTCTAAAAGAACAAATAGATCCCTGAATGGACTTTTTTACTAAAGGAAAGTGAGAA 687
QY 6715 GCTAACGTCCTCATCATTTAGAGATTTTCATGMAACCTGGCTCAGTTGAAAAGAAAA 6774
Db 688 GCTAACGTCCTCATCATTTAGAGATTTTCATGMAACCTGGCTCAGTTGAAAAGAAAA 747
QY 6775 TAGTGTCAAGTTGTCCTAGAGACGAGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 6834
Db 748 TAGTGTCAAGTTGTCCTAGAGACGAGAGGTAGACTTGTATACCAACCAAGATTCATTGACA 807
QY 6835 ATATTTTATGTCAGTATGATCAACAGAAAAAATATGTAATTTTAAAAAATTTGTTGAA 6894
Db 808 ATATTTTATGTCAGTATGATCAACAGAAAAAATATGTAATTTTAAAAAATTTGTTGAA 867
QY 6895 AGGAGGTTACCTCTCATCTCTAGAAAAAAGCTTATGTAATTTTCCATATCCCAA 6954
Db 868 AGGAGGTTACCTCTCATCTCTAGAAAAAAGCTTATGTAATTTTCCATATCCCAA 927
QY 6955 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 7014
Db 928 TATTTTATATGTAAGTTTATTTATTAAGTATACATTTTATTTATGTCAGTTTATTA 987
QY 7015 ATATGATTTATTTATAGAACATTTCTGCTATTTGATTTT-AGTATAGGCAATAAT 7073
Db 988 ATATGATTTATTTATAGAACATTTCTGCTATTTGATTTT-AGTATAGGCAATAAT 1047
QY 7074 ATTTATGACATTAATCTAGGAAACAGATATCTTAGCTTTTAAACACATGATATCA 7133
Db 1048 ATTTATGACATTAATCTAGGAAACAGATATCTTAGCTTTTAAACACATGATATCA 1107
QY 7134 TAAA 7137
Db 1108 TAAA 1111

RESULT 15

US-09-870-574-1
; Sequence 1, Application US/09870574

; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen W.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: P2806-1(US)
; TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; CURRENT APPLICATION NUMBER: US/09/870,574
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22

; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match 2.9%; Score 214.2; DB 4; Length 1152;
Best Local Similarity 70.9%; Pred. No. 1.8e-44;
Matches 450; Conservative 0; Mismatches 148; Indels 37; Gaps 11;

QY	6535	ATAGCTTGGAGAGATGCGAGATCAAGGCGATGCGGAACTGGACCTGCTGTTATGTC	6594
Db	516	AAAGCTTGGAGAGATGCGAGATCAAGGCAATTTGGAGAACTGGATTGCTGTTATGTC	575
QY	6595	TCTGAGAAATGCTTGGCTCTGAGCGAGAAAGAACTAGAAACCGAAGAACTGCTCCTTCT	6654
Db	576	TCTGAGAAATGCTTGGCTTGCATTTGACGAGCNAAGCTGAATAATGATACTAACCCCTTT	635
QY	6655	GCCTTCTAAAGAAACAATAAGATCCCTGAATGACTTTTTT-----ACTAAAGGAAAGTG	6710
Db	636	CCCTGTGAGAAATAACAATTAGATGCCCAAGCGATTTTTTTTACCAAAAGGAAGTG	695
QY	6711	AGAAGCTAACGTCATCATCATAGAGATTTTACATGAACTGAACTGGCTCAGTTGAAAAG	6770
Db	696	GGAGCCNAACTCCATCATCATGATGGTGGATTCGAAATGAACCCCTCGTTAGTTCAAAG	755
QY	6771	AAATAGTGCAA--GTTGCCATGAGACGAG--AGGTAGACTTGATAACCAAAAGATTTC	6827
Db	756	GAAACCAATGCCACTTTTGTATTATAAGCCAGAGGTAGACTTTCTAAGCATAGATAATT	815
QY	6828	ATTGACAATATTTTATTGTCACTGATG----ATACACACAGAAAATATGTACTTTAAA	6883
Db	816	ATTGATAACATTTTCAATGTAACCTGGTCTTATACACAGAAAACAAATTTATTTTAAAT	875
QY	6884	AATTGTTT-----GAAAGGAGTTTACCTCTCATTCCTTTA---GAAAAAAGCTTATG	6933
Db	876	AATTGCTTTTTCATATAAAAGATTACTTCCATTCCTTTAGGGGAAAAAACCCCTAAA	935
QY	6934	TAACTTCA--TTTCCATATCCAAATATTTATATATATATATATATATATATATATAT	6990
Db	936	TAGCTTCATGTTTCCATAATCAGTACTTTATATATATATATATATATATATATATATAA	995
QY	6991	-----CATTTTATTTATGTCAGTTTATTAATATGATTTTATTTATAGAAACATTATCTGC	7045
Db	996	GACTGCAATTTTAT	1055
QY	7046	TATTGATA--TTTAGTATAAGGCAATA---ATATTTATGCAATAACTATGG----AAAC	7097
Db	1056	TATTGCTACTTGTAGTGAAGGCTAATATTGATATTTATGCAATAATATTATAGAGCTATAA	1115
QY	7098	AAGATATCTTAGGCTTTAATAACACATGATATC 7132	
Db	1116	CATGTTTATTGACCTCAATAAACAACCTTGGATATC 1150	

Search completed: February 11, 2004, 00:26:52
Job time : 456.787 secs

GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 223.387 Seconds
(without alignments)
11378.044 Million cell updates/sec

Title: US-09-751-797-24

Perfect score: 690

Sequence: 1 tgcacagcagaattcttag.....gatgccccaaagcgattttt 690

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2449703 seqs, 1841816367 residues

Total number of hits satisfying chosen parameters: 4899406

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*
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15: /cgn2_6/prodata/1/pubpna/US10A_PUBCOMB.seq:*
16: /cgn2_6/prodata/1/pubpna/US10_NEW_PUB.seq:*
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18: /cgn2_6/prodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	676	98.0	1152	10	US-09-870-574-1
3	676	98.0	1152	12	US-10-232-246-243
4	676	98.0	1152	12	US-10-230-130-243
5	676	98.0	1152	13	US-10-063-735-153
6	676	98.0	1152	13	US-10-216-163-243
7	676	98.0	1152	13	US-10-063-526-153
8	676	98.0	1152	13	US-10-066-198-125
9	676	98.0	1152	13	US-10-063-586-153
10	676	98.0	1152	13	US-10-063-510-153
11	676	98.0	1152	13	US-10-063-514-153
12	676	98.0	1152	13	US-10-063-516-153
13	676	98.0	1152	13	US-10-063-523-153
14	676	98.0	1152	13	US-10-063-527-153
15	676	98.0	1152	13	US-10-063-528-153

16	676	98.0	1152	13	US-10-063-529-153	Sequence 153, App
17	676	98.0	1152	13	US-10-063-536-153	Sequence 153, App
18	676	98.0	1152	13	US-10-063-540-153	Sequence 153, App
19	676	98.0	1152	13	US-10-063-546-153	Sequence 153, App
20	676	98.0	1152	13	US-10-063-562-153	Sequence 153, App
21	676	98.0	1152	13	US-10-063-564-153	Sequence 153, App
22	676	98.0	1152	13	US-10-063-565-153	Sequence 153, App
23	676	98.0	1152	13	US-10-063-568-153	Sequence 153, App
24	676	98.0	1152	13	US-10-063-570-153	Sequence 153, App
25	676	98.0	1152	13	US-10-063-577-153	Sequence 153, App
26	676	98.0	1152	13	US-10-063-579-153	Sequence 153, App
27	676	98.0	1152	13	US-10-063-581-153	Sequence 153, App
28	676	98.0	1152	13	US-10-063-582-153	Sequence 153, App
29	676	98.0	1152	13	US-10-063-583-153	Sequence 153, App
30	676	98.0	1152	13	US-10-063-584-153	Sequence 153, App
31	676	98.0	1152	13	US-10-063-587-153	Sequence 153, App
32	676	98.0	1152	13	US-10-063-589-153	Sequence 153, App
33	676	98.0	1152	13	US-10-063-591-153	Sequence 153, App
34	676	98.0	1152	13	US-10-063-592-153	Sequence 153, App
35	676	98.0	1152	13	US-10-063-593-153	Sequence 153, App
36	676	98.0	1152	13	US-10-063-596-153	Sequence 153, App
37	676	98.0	1152	13	US-10-063-597-153	Sequence 153, App
38	676	98.0	1152	13	US-10-063-600-153	Sequence 153, App
39	676	98.0	1152	13	US-10-063-602-153	Sequence 153, App
40	676	98.0	1152	13	US-10-063-604-153	Sequence 153, App
41	676	98.0	1152	13	US-10-063-606-153	Sequence 153, App
42	676	98.0	1152	13	US-10-063-607-153	Sequence 153, App
43	676	98.0	1152	13	US-10-063-609-153	Sequence 153, App
44	676	98.0	1152	13	US-10-063-610-153	Sequence 153, App
45	676	98.0	1152	13	US-10-063-611-153	Sequence 153, App

ALIGNMENTS

RESULT 1

US-09-751-797-24
; Sequence 24, Application US/09751797
; Patent No. US2001002452A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; PRIOR FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-24

Query Match	100.0%;	Score 690;	DB 9;	Length 690;
Best Local Similarity	100.0%;	Pred. No. 1e-220;		
Matches 690;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	TGCAACAGCAGATCTTTCAGACAGGTTCTCCCTCCCGAGTCCAGTTCCTGAGTTAG	60	
Db	1	TGCAACAGCAGATCTTTCAGACAGGTTCTCCCTCCCGAGTCCAGTTCCTGAGTTAG	60	
QY	61	AATGTGTCGAATGGCGCCCTGCAGAAATCTGTAGCTTTTCTTATGGGACCTGG	120	
Db	61	AATGTGTCGAATGGCGCCCTGCAGAAATCTGTAGCTTTTCTTATGGGACCTGG	120	
QY	121	CCACCACTGCCTCTTCTTGGCCCTCTTGTGTACAGGAGGAGCAGTGGCCCCATCA	180	

;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 243
;; LENGTH: 1152
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-232-226-243

Query Match 98.0%; Score 676; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACCAAGTGTCTGAGTTAGAAATGTCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACCAAGTGTCTGAGTTAGAAATGTCTGCAATG 60

QY 75 GCGGCCCTGAGAAATCTGTAGCTTTTCCCTATATGGGACCCCTGGCCACCAAGTGCCTC 134
Db 61 GCGGCCCTGAGAAATCTGTAGCTTTTCCCTATATGGGACCCCTGGCCACCAAGTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCACCTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCACCTGCAGG 180

QY 195 CTTGACAAATCCAACTTCAGCAGGCTTATATCACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAATCCAACTTCAGCAGGCTTATATCACCAACCGCACCTTCATGCTGGCTAAG 240

QY 255 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCTCATTTGGGAGAACTGTTCAC 314
Db 241 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCTCATTTGGGAGAACTGTTCAC 300

QY 315 GGAGTCAGTATGAGTCAGGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTCAGGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCACCTTGAA 360

QY 375 GAAGTCTGTTCCCTCAATCTGATAGTTTCAGCCTTATATGACAGAGGTGTGCTTC 434
Db 361 GAAGTCTGTTCCCTCAATCTGATAGTTTCAGCCTTATATGACAGAGGTGTGCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCAGATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCAGATGTCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 540

QY 555 AAAGCAATTGGAGAACTGGATTTGCTTTATGTTCTCTGAGAAATGCTTGCATTTGACCA 614
Db 541 AAAGCAATTGGAGAACTGGATTTGCTTTATGTTCTCTGAGAAATGCTTGCATTTGACCA 600

QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAAATAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAAATAGATG 660

QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676

RESULT 4
US-10-230-130-243
;; Sequence 243, Application US/10230130
;; Publication No. US20040019183A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Gerritsen, Mary
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stephan, Jean-Philippe F.
;; APPLICANT: Watanabe, Colin L.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3530P1C101
;; CURRENT APPLICATION NUMBER: US/10/230,130
;; CURRENT FILING DATE: 2002-08-28
;; PRIOR APPLICATION NUMBER: 10/119,480
;; PRIOR FILING DATE: 2002-04-09
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 243
;; LENGTH: 1152
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 98.0%; Score 676; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCAGTCACCAAGTGTCTGAGTTAGAAATGTCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCAGTCACCAAGTGTCTGAGTTAGAAATGTCTGCAATG 60

QY 75 GCGGCCCTGAGAAATCTGTAGCTTTTCCCTATATGGGACCCCTGGCCACCAAGTGCCTC 134
Db 61 GCGGCCCTGAGAAATCTGTAGCTTTTCCCTATATGGGACCCCTGGCCACCAAGTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGTGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAAATGCAAACTTCCAGCAGGCTTATATCACCAACCGCACCTTCATGCTGGCTAAG 254

Db 181 CTTGACAAAGTCCAACTTCCAGAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
Qy 255 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 314
Db 241 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 300
Qy 315 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 374
Db 301 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 360
Qy 375 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 434
Db 361 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 420
Qy 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480
Qy 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 540
Qy 555 AAAGCAATTTGGAGAACTGGATTTTGGCTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTTGGCTTTATGCTCTCGAGAAATGCCCTGCATTTGACCA 600
Qy 615 GAGCAAGCTGAAAATGATGAATTAACCTGCTCTGAGAAATGCCCTGCATTTGACCA 674
Db 601 GAGCAAGCTGAAAATGATGAATTAACCTGCTCTGAGAAATGCCCTGCATTTGACCA 660
Qy 675 CCCCAGGCGATTTT 690
Db 661 CCCCAGGCGATTTT 676

RESULT 5

US-10-063-735-153
; Sequence 153, Application US/10063735
; Publication No. US20030138882A1
; GENERAL INFORMATION:

; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,735
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-735-153

Query Match 98.0%; Score 676; DB 13; Length 1152;

Best Local Similarity 100.0%; Pred. No. 7e-216;

Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 15 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 74
Db 1 CTTGACAAAGTTCCTTCCAGTCCACAGTTCCTGAGTGAATTTGCTCAATG 60
Qy 75 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCTGCGACAGCTGCCTC 134
Db 61 GCGCCCTGAGAAATCTGTGAGCTCTTTCCTTATGGGACCTGCGACAGCTGCCTC 120

Qy 135 CTTCTTTGCCCTCTTTGTTACAGGAGGAGAGCTGGCCCATCAGCTCCCACTGAGG 194
Db 121 CTTCTTTGCCCTCTTTGTTACAGGAGGAGAGCTGGCCCATCAGCTCCCACTGAGG 180
Qy 195 CTTGACAAAGTCCAACTTCCAGAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAAGTCCAACTTCCAGAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
Qy 255 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 314
Db 241 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 300
Qy 315 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 374
Db 301 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 360
Qy 375 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 434
Db 361 GAGCTAGCTTGGCTGATACAAACACAGAGCTTTCGTCATTTGGGGAGAACTGTTCAC 420
Qy 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480
Qy 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGAGTGAGAGATC 540
Qy 555 AAAGCAATTTGGAGAACTGGATTTTGGCTTTATGCTCTGAGAAATGCCCTGCATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTTGGCTTTATGCTCTGAGAAATGCCCTGCATTTGACCA 600
Qy 615 GAGCAAGCTGAAAATGATGAATTAACCTGCTCTGAGAAATGCCCTGCATTTGACCA 674
Db 601 GAGCAAGCTGAAAATGATGAATTAACCTGCTCTGAGAAATGCCCTGCATTTGACCA 660
Qy 675 CCCCAGGCGATTTT 690
Db 661 CCCCAGGCGATTTT 676

RESULT 6

US-10-216-163-243
; Sequence 243, Application US/10216163
; Publication No. US20030149239A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C3
; CURRENT APPLICATION NUMBER: US/10/216,163
; CURRENT FILING DATE: 2002-08-09
; Prior Application Number: 10/119,480
; Prior Filing Date: 2002-04-09
; Prior Application Number: 60/059113
; Prior Filing Date: 1997-09-17
; Prior Application Number: 60/062287
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/063549
; Prior Filing Date: 1997-10-28
; Prior Application Number: 60/064103
; Prior Filing Date: 1997-10-31

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; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 243
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-216-163-243

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCTCCAGTCACAGTCCAGTTCGCTCGAGTTAGAAATGCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCTCCAGTCACAGTCCAGTTCGCTCGAGTTAGAAATGCTGCAATG 60

QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAGTCCAACTTCAGAGCCCTATATCAACACGACCTTCTCATGCTGGGAGAACTGTTCCAC 254
Db 181 CTTGACAGTCCAACTTCAGAGCCCTATATCAACACGACCTTCTCATGCTGGGAGAACTGTTCCAC 240

QY 255 GAGCTAGCTTGGCTGATATAACACAGAGCTTCTCTCATTTGGGAGAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGATATAACACAGAGCTTCTCTCATTTGGGAGAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGCAGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGCAGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAA 360

QY 375 GAAGTGTGTTCCCTCAATCTGATAGTTCACAGCTTATATGAGGAGGTGGTGCCTTC 434
Db 361 GAAGTGTGTTCCCTCAATCTGATAGTTCACAGCTTATATGAGGAGGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAGCTTGGAGAGGTGGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAGCTTGGAGAGGTGGAGATC 540

QY 555 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTCTGAGAAATGCCCTGCAATTTGACCA 614
Db 541 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTCTGAGAAATGCCCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAAATGAATGAATTAACCTAACCCCTTTCCCTGCTAGAAATGAATTAAGTATG 674
Db 601 GAGCAAGCTGAAAATGAATGAATTAACCTAACCCCTTTCCCTGCTAGAAATGAATTAAGTATG 660

QY 675 CCCCAAGCGATTTTT 690
Db 661 CCCCAAGCGATTTTT 676
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RESULT 7
US-10-063-526-153

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; Sequence 153, Application US/10063526
; Publication No. US20030171550A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,526
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-063-526-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCTCCAGTCACAGTCCAGTTCGCTCGAGTTAGAAATGCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCTCCAGTCACAGTCCAGTTCGCTCGAGTTAGAAATGCTGCAATG 60

QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCCTC 120

QY 135 CTTCTCTTGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAGTCCAACTTCAGAGCCCTATATCAACACGACCTTCTCATGCTGGGAGAACTGTTCCAC 254
Db 181 CTTGACAGTCCAACTTCAGAGCCCTATATCAACACGACCTTCTCATGCTGGGAGAACTGTTCCAC 240

QY 255 GAGCTAGCTTGGCTGATATAACACAGAGCTTCTCTCATTTGGGAGAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGATATAACACAGAGCTTCTCTCATTTGGGAGAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGCAGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGCAGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAA 360

QY 375 GAAGTGTGTTCCCTCAATCTGATAGTTCACAGCTTATATGAGGAGGTGGTGCCTTC 434
Db 361 GAAGTGTGTTCCCTCAATCTGATAGTTCACAGCTTATATGAGGAGGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAGCTTGGAGAGGTGGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAGGACACAGTGAAGAGCTTGGAGAGGTGGAGATC 540

QY 555 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTCTGAGAAATGCCCTGCAATTTGACCA 614
Db 541 AAAGCAATTGGAGAACTGGATTTGCTGTTTATGCTCTCTGAGAAATGCCCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAAATGAATGAATTAACCTAACCCCTTTCCCTGCTAGAAATGAATTAAGTATG 674
Db 601 GAGCAAGCTGAAAATGAATGAATTAACCTAACCCCTTTCCCTGCTAGAAATGAATTAAGTATG 660
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Oy 675 CCCCAGCGATTTT 690
Db 661 CCCCAGCGATTTT 676

RESULT 8

US-10-066-198-125
; Sequence 125, Application US/10066198
; Publication No. US20030170721A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerritsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kijavlin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: F3130K1C
; CURRENT APPLICATION NUMBER: US/10/066,198
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059588
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; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062816
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; PRIOR APPLICATION NUMBER: 60/074092
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; PRIOR APPLICATION NUMBER: 60/075294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/095998
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; PRIOR APPLICATION NUMBER: 09/380139
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/403296
; PRIOR FILING DATE: 1999-10-18
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; PRIOR FILING DATE: 1999-10-18
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; PRIOR APPLICATION NUMBER: 09/709238
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; PRIOR FILING DATE: 1998-07-14
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; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: 1998-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/25190
; PRIOR FILING DATE: 1998-11-25
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGACAAAGGTTCTCTCCCGAGTCACAGTTCGTCGAGTTAGAAATGTCGCAATG 74
DB 1 CTTGACAAAGGTTCTCTCTCCCGAGTCACAGTTCGTCGAGTTAGAAATGTCGCAATG 60

QY 75 GCGCCCTCGAGAAATGTGAGCTTTTCCTTATGGGACCTGCGCCACGAGTGCCTC 134
DB 61 GCGCCCTCGAGAAATGTGAGCTTTTCCTTATGGGACCTGCGCCACGAGTGCCTC 120

; PRIOR APPLICATION NUMBER: 09/380139
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/403296
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 09/403297
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 09/423741
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; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 135 CTTCTCTGGCCCTCTTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
DB 121 CTTCTCTGGCCCTCTTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAAGTCCAACTTCCAGCAGCCCTATATACACCAACCGCACCTTTCATGCTGGCTAAG 254
DB 181 CTTGACAAAGTCCAACTTCCAGCAGCCCTATATACACCAACCGCACCTTTCATGCTGGCTAAG 240
QY 255 GAGGCTAGCTTGGCTGATACAAACACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 314
DB 241 GAGGCTAGCTTGGCTGATACAAACACAGAGCTTCGCTCATTTGGGGAGAACTGTTCCAC 300
QY 315 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGAGTGCTGAACTTTCACCTTCAA 374
DB 301 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGAGTGCTGAACTTTCACCTTCAA 360
QY 375 GAAGTGCTGTTCCCTCAATCTGATGAGCTTCAGAGCTTATATGAGGAGGTTGTCCTTC 434
DB 361 GAAGTGCTGTTCCCTCAATCTGATGAGCTTCAGAGCTTATATGAGGAGGTTGTCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCTATTTGAAGGTGATGACCTGCATATC 494
DB 421 CTGGCCAGGCTCAGCAACAGGCTAAGCACATGTCTATTTGAAGGTGATGACCTGCATATC 480
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QY 555 AAAGCAATTGGAGAACTGGATTTCCTGTTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
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QY 615 GAGCAAGCTGAAAAATGAATACTAACCCCTTTCCTCTGCTAGAAATACAAATAGATG 674
DB 601 GAGCAAGCTGAAAAATGAATACTAACCCCTTTCCTCTGCTAGAAATACAAATAGATG 660
QY 675 CCCCAGGCGATTTT 690
DB 661 CCCCAGGCGATTTT 676

RESULT 9
US-10-063-586-153
; Sequence 153, Application US/10063586
; Publication No. US20030176684A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,586
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-586-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 15 CTTGAGAACAGTTCTCTCTCCAGTCACAGTTCAGTGTAGATTTGCTGCAATG 74
Db 1 CTTGAGAACAGTTCTCTCTCCAGTCACAGTTCAGTGTAGATTTGCTGCAATG 60
QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGCGGACCCCTGGCCACACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGCGGACCCCTGGCCACACAGCTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTCGGCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTCGGCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
QY 255 GAGCTAGCTTGGCTGTGATACACACAGAGCTTCTCTCATTTGGGGAGAACTGTTCAC 314
Db 241 GAGCTAGCTTGGCTGTGATACACACAGAGCTTCTCTCATTTGGGGAGAACTGTTCAC 300
QY 315 GGAGTCAGTATGAGTGAGCGCTGTCTCTGATGAAGCAGCTGTGAACCTTCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGTCTCTGATGAAGCAGCTGTGAACCTTCACCTTGAA 360
QY 375 GAAGTGTCTTCCCTCAATCTGATAGTTCAGCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAAGTGTCTTCCCTCAATCTGATAGTTCAGCTTATATGAGGAGTGGTGCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGCTTAAGCACATGTCATATCAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGCTTAAGCACATGTCATATCAAGGTGATGACCTGCATATC 480
QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGGCTTGGAGAGAGTGAGAGATC 540
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Db 541 AAAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCCTGCAATTTGACCA 600
QY 615 GAGCAAAAGCTGAAAAATGAATACTAACCCCTTTCCCTCTAGAATAACAAATTAGATG 674
Db 601 GAGCAAAAGCTGAAAAATGAATACTAACCCCTTTCCCTCTAGAATAACAAATTAGATG 660
QY 675 CCCCAAGCGATTTTT 690
Db 661 CCCCAAGCGATTTTT 676

RESULT 10

US-10-063-510-153
; Sequence 153, Application US/10063510
; Publication No. US20030180837A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,510
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA

; ORGANISM: Homo Sapien
US-10-063-510-153

Query Match 98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;

Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGTTCTCTCTCCAGTCACAGTTCAGTGTAGATTTGCTGCAATG 74
Db 1 CTTGAGAACAGTTCTCTCTCCAGTCACAGTTCAGTGTAGATTTGCTGCAATG 60
QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGCGGACCCCTGGCCACACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCTTATGCGGACCCCTGGCCACACAGCTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTCGGCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTCGGCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240
QY 255 GAGCTAGCTTGGCTGTGATACACACAGAGCTTCTCTCATTTGGGGAGAACTGTTCAC 314
Db 241 GAGCTAGCTTGGCTGTGATACACACAGAGCTTCTCTCATTTGGGGAGAACTGTTCAC 300
QY 315 GGAGTCAGTATGAGTGAGCGCTGTCTCTGATGAAGCAGCTGTGAACCTTCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGTCTCTGATGAAGCAGCTGTGAACCTTCACCTTGAA 360
QY 375 GAAGTGTCTTCCCTCAATCTGATAGTTCAGCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAAGTGTCTTCCCTCAATCTGATAGTTCAGCTTATATGAGGAGTGGTGCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGCTTAAGCACATGTCATATCAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGCTTAAGCACATGTCATATCAAGGTGATGACCTGCATATC 480
QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGGCTTGGAGAGAGTGAGAGATC 540
QY 555 AAAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCCTGCAATTTGACCA 614
Db 541 AAAGCAATTTGAGAACTGGATTTGCTTTATGCTCTGAGAAATGCCTGCAATTTGACCA 600
QY 615 GAGCAAAAGCTGAAAAATGAATACTAACCCCTTTCCCTCTAGAATAACAAATTAGATG 674
Db 601 GAGCAAAAGCTGAAAAATGAATACTAACCCCTTTCCCTCTAGAATAACAAATTAGATG 660
QY 675 CCCCAAGCGATTTTT 690
Db 661 CCCCAAGCGATTTTT 676

RESULT 11

US-10-063-514-153
; Sequence 153, Application US/10063514
; Publication No. US20030181707A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1

; CURRENT APPLICATION NUMBER: US/10/063,514
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-514-153

Query Match 98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCCTCGAGTTAGAAATGCTGCAATG 74
Db 1 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCCTCGAGTTAGAAATGCTGCAATG 60

QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGCGGACCTGCCACACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGCGGACCTGCCACACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTCATGCTGGCTTAAG 254
Db 181 CTTGACAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTCATGCTGGCTTAAG 240

QY 255 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCATTGGGGAGAACTGTTCAC 314
Db 241 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCATTGGGGAGAACTGTTCAC 300

QY 315 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480

QY 495 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 554
Db 481 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 540

QY 555 AAAGCAATGGAGAACTGGATTGCTGTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAAGCAATGGAGAACTGGATTGCTGTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 674
Db 601 GAGCAAGCTGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 660

QY 675 CCCCAGGCAATTTT 690
Db 661 CCCCAGGCAATTTT 676

RESULT 12

US-10-063-516-153
; Sequence 153, Application US/10063516
; Publication No. US20030181708A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,516
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-516-153

Query Match 98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCCTCGAGTTAGAAATGCTGCAATG 74
Db 1 CTTTCAGAACAGGTTCTCCCTCCAGTCACAGTTCCTCGAGTTAGAAATGCTGCAATG 60

QY 75 GCCGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGCGGACCTGCCACACAGCTGCCTC 134
Db 61 GCCGCCCTGCAGAAATCTGTGAGCTCTTCCCTATGCGGACCTGCCACACAGCTGCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGCGCCATCAGCTCCCACTGCAGG 180

QY 195 CTTGACAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTCATGCTGGCTTAAG 254
Db 181 CTTGACAGTCCAACTTCCAGAGCCCTATATCACCACCGACCTTCATGCTGGCTTAAG 240

QY 255 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCATTGGGGAGAACTGTTCAC 314
Db 241 GAGGCTAGCTTGGCTGATACACACAGAGCTTCTCATTGGGGAGAACTGTTCAC 300

QY 315 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 301 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 360

QY 375 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 434
Db 361 GAGTCTGTCTCCCTCAATCTGATAGGTTCCAGCCCTTATATGAGGAGTGGTGCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTAAGCACATGTCATATTGAAGGTGATGACCTGCATATC 480

QY 495 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 554
Db 481 CAGGGAATGTGCAAAAGCTGAAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATC 540

QY 555 AAAGCAATGGAGAACTGGATTGCTGTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAAGCAATGGAGAACTGGATTGCTGTTTATGTTCTCTGAGAAATGCTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 674
Db 601 GAGCAAGCTGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATG 660

QY 675 CCCCAGGCAATTTT 690
Db 661 CCCCAGGCAATTTT 676

RESULT 13

US-10-063-523-153
; Sequence 153, Application US/10063523


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; Publication No. US20030181636A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,523
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-523-153

Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCACAGTCACCAAGTCTGCTGAGTTAGTAATGTCGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCACAGTCACCAAGTCTGCTGAGTTAGTAATGTCGCAATG 60

QY 75 GCGGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCCTC 134
Db 61 GCGGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240

QY 255 GAGCTAGCTTGGCTGTATACAAACAGAGCTTTCGTTCTCATTTGGGAGAAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGTATACAAACAGAGCTTTCGTTCTCATTTGGGAGAAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCCACCTTGAA 360

QY 375 GAAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCCTTATATGAGGAGGTGGTGGCCCTTC 434
Db 361 GAAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCCTTATATGAGGAGGTGGTGGCCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTTACGACATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTACGACATGTCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGGTGGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGGTGGAGAGATC 540

QY 555 AAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATGCCGTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATGCCGTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAAAATGAATACTAACCCCTTTTCCCTGCTAGAAATAACCAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATACTAACCCCTTTTCCCTGCTAGAAATAACCAATTAGATG 660

QY 675 CCCCAAGCGATTTTTT 690
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Db 661 CCCCAAGCGATTTTTT 676
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RESULT 14

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US-10-063-527-153
; Sequence 153, Application US/10063527
; Publication No. US20030181637A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,527
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-527-153
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Query Match      98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGAGAACAGGTTCTCCCTCCACAGTCACCAAGTCTGCTGAGTTAGTAATGTCGCAATG 74
Db 1 CTTGAGAACAGGTTCTCCCTCCACAGTCACCAAGTCTGCTGAGTTAGTAATGTCGCAATG 60

QY 75 GCGGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCCTC 134
Db 61 GCGGCCCTGCAGAAATCTGTGAGCTCTTCTTATGGGACCCCTGGCCACAGCTGCCCTC 120

QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 180

QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATACCAACCGCACCTTCATGCTGGCTAAG 240

QY 255 GAGCTAGCTTGGCTGTATACAAACAGAGCTTTCGTTCTCATTTGGGAGAAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGTATACAAACAGAGCTTTCGTTCTCATTTGGGAGAAACTGTTCCAC 300

QY 315 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCCACCTTGAA 374
Db 301 GGAGTCAGTATGAGTGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACCTTCCACCTTGAA 360

QY 375 GAAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCCTTATATGAGGAGGTGGTGGCCCTTC 434
Db 361 GAAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCCTTATATGAGGAGGTGGTGGCCCTTC 420

QY 435 CTGGCCAGGCTCAGCAACAGGCTTACGACATGTCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTTACGACATGTCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGGTGGAGAGATC 554
Db 481 CAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGGTGGAGAGATC 540

QY 555 AAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATGCCGTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATGCCGTGCAATTTGACCA 600

QY 615 GAGCAAGCTGAAAAATGAATACTAACCCCTTTTCCCTGCTAGAAATAACCAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATACTAACCCCTTTTCCCTGCTAGAAATAACCAATTAGATG 660

QY 675 CCCCAAGCGATTTTTT 690
```

Db 541 AAGCAATTGGAGACTGGATTGCTGTTTATGCTCTGAGAAATGCCTGCAATTTGACCA 600
QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 660
QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676

RESULT 15

US-10-063-528-153
; Sequence 153, Application US/10063528
; Publication No. US2003018166A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/063,528
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 153
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-528-153

Query Match 98.0%; Score 676; DB 13; Length 1152;
Best Local Similarity 100.0%; Pred. No. 7e-216;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTCAAGACAGGTTCTCCTTCCAGTACACAGTTCGCTGAGTTAGAAATGTCGCAATG 74
Db 1 CTTCAAGACAGGTTCTCCTTCCAGTACACAGTTCGCTGAGTTAGAAATGTCGCAATG 60
QY 75 GCGCCCTCGAGAAATCTGTGAGCTTTTCTATGGGACCTCGCCACAGCTGCCTC 134
Db 61 GCGCCCTCGAGAAATCTGTGAGCTTTTCTATGGGACCTCGCCACAGCTGCCTC 120
QY 135 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTTGGCCCTCTTGGTACAGGAGGAGCAGCTGCGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCAGCAGCCCTATATCACCAACCGCACCTTCATGCTGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCAGCAGCCCTATATCACCAACCGCACCTTCATGCTGCTAAG 240
QY 255 GAGGCTAGCTTGGCTGATTAACAACACAGACGTTCTGCTCATTTGGGGAGAAACTGTTCCAC 314
Db 241 GAGGCTAGCTTGGCTGATTAACAACACAGACGTTCTGCTCATTTGGGGAGAAACTGTTCCAC 300
QY 315 GGAGTCAGTATGATGAGCGCTGCTATCTGATGAGCAGGCTGCTGAACTTCAACCTTGAA 374
Db 301 GGAGTCAGTATGATGAGCGCTGCTATCTGATGAGCAGGCTGCTGAACTTCAACCTTGAA 360
QY 375 GAAGTCGCTGCTCCTCAATCTGATAGGTTCCAGCCCTTATATGACGAGGTGTCCTTC 434
Db 361 GAAGTCGCTGCTCCTCAATCTGATAGGTTCCAGCCCTTATATGACGAGGTGTCCTTC 420
QY 435 CTGGCCAGGCTCAGCAACAGGCTAGCAATGCTATTTGAAGGTGATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCAACAGGCTAGCAATGCTATTTGAAGGTGATGACCTGCATATC 480

QY 495 CAGAGGAATGTCAAAAGCTGAAGCACACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATC 554
Db 481 CAGAGGAATGTCAAAAGCTGAAGCACACAGTGAAGAAAGCTTGGAGAGAGTGGAGAGATC 540
QY 555 AAAGCAATTTGGAGAACTGGATTTCCTGTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAAGCAATTTGGAGAACTGGATTTCCTGTTATGCTCTGAGAAATGCTGCAATTTGACCA 600
QY 615 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 674
Db 601 GAGCAAGCTGAAAAATGAATAACTAACCCCTTTCCCTGCTAGAAATAACAATTAGATG 660
QY 675 CCCCAAGCGATTTT 690
Db 661 CCCCAAGCGATTTT 676

Search completed: February 11, 2004, 14:11:26
Job time : 225.387 secs

GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 10, 2004, 21:08:20 ; Search time 35.0132 Seconds
(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-24

Perfect score: 690

Sequence: 1 tgcacagcagaattcttcag.....gatgcccaagcgattttt 690

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq.*
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq.*
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq.*
- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq.*
- 5: /cgn2_6/ptodata/2/ina/PTCTUS COMB.seq.*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	690	100.0	690	4	US-09-419-568F-24
2	690	100.0	690	4	US-09-354-243B-24
3	676	98.0	1152	4	US-09-870-574-1
4	409.2	59.3	1119	3	US-09-178-973B-7
5	409.2	59.3	1119	4	US-09-419-568F-7
6	409.2	59.3	1119	4	US-09-354-243B-7
7	407.6	59.1	1111	3	US-09-178-973B-9
8	407.6	59.1	1111	4	US-09-419-568F-9
9	407.6	59.1	1111	4	US-09-354-243B-9
10	258	37.4	4797	4	US-09-419-568F-25
11	258	37.4	4797	4	US-09-354-243B-25
12	127.6	18.5	5935	3	US-09-178-973B-17
13	127.6	18.5	5935	4	US-09-419-568F-19
14	127.6	18.5	5935	4	US-09-354-243B-29
15	126	18.3	7445	3	US-09-178-973B-8
16	126	18.3	7445	4	US-09-419-568F-8
17	126	18.3	7445	4	US-09-354-243B-8
18	39.8	5.8	7218	1	US-08-232-463-14
19	36.6	5.3	1080	4	US-09-149-476-222
20	34.8	5.0	1352	4	US-09-016-434-1233
21	34.8	5.0	1352	5	PCT-US92-02091-7
22	34.4	5.0	2868	4	US-09-710-794-4
23	34.2	5.0	1102	2	US-08-132-990A-1
24	34.2	5.0	1102	5	PCT-US92-09382-1
25	34.2	5.0	2157	2	US-08-132-990A-7
26	34.2	5.0	2157	5	PCT-US92-09382-7
27	34	4.9	5056	2	US-08-793-126-2

28	34	4.9	5056	3	US-09-132-271-2	Sequence 2, Appli
29	34	4.9	5067	3	US-09-142-334-23	Sequence 23, Appl
c 30	33.8	4.9	595	4	US-09-302-769-27	Sequence 27, Appl
31	33.2	4.8	6111	4	US-09-538-414-9	Sequence 9, Appli
32	33.2	4.8	12943	4	US-09-538-414-11	Sequence 11, Appl
c 33	33	4.8	693	4	US-09-252-991A-2214	Sequence 2214, Ap
34	33	4.8	1446	4	US-09-252-991A-2461	Sequence 2461, Ap
c 35	32.8	4.8	1083	4	US-09-252-991A-13913	Sequence 13913, A
c 36	32.8	4.8	1263	4	US-09-252-991A-13538	Sequence 13538, A
c 37	32	4.6	2829	4	US-10-004-542-1	Sequence 1, Appli
c 38	32	4.6	3220	4	US-10-004-542-5	Sequence 5, Appli
c 39	31.8	4.6	20965	4	US-09-984-880-3	Sequence 3, Appli
c 40	31.6	4.6	1665	4	US-09-247-1355-72	Sequence 72, Appl
c 41	31.4	4.6	3592	2	US-08-469-537A-100	Sequence 100, App
42	31.2	4.5	1601	4	US-09-016-434-1218	Sequence 1218, Ap
43	31.2	4.5	8257	4	US-09-595-684B-30	Sequence 30, Appl
44	31.2	4.5	8503	4	US-09-620-312D-130	Sequence 130, App
45	31.2	4.5	4403765	3	US-09-103-840A-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-09-419-568F-24

; Sequence 24, Application US/094195568F

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Renauld, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa

; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

; PRIOR FILING DATE: 1999-10-18

; PRIOR APPLICATION NUMBER: US09/354,243

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: US09/178,973

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 24

; LENGTH: 690

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

US-09-419-568F-24

Query Match	100.0%	Score 690;	DB 4;	Length 690;
Best Local Similarity	100.0%	Pred. No. 7e-197;		
Matches 690;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	TGCACACGAGAACTTTCAGAACAGGTTCTCTCCAGTCACAGTGTCTCGAGTTAG	60	
Db	1	TGCACACGAGAACTTTCAGAACAGGTTCTCTCCAGTCACAGTGTCTCGAGTTAG	60	
QY	61	AATTGTCTGCAATGGCCGCTTCAGAAATCTGTGAGCTTTCTTATGGGACCCCTGG	120	
Db	61	AATTGTCTGCAATGGCCGCTTCAGAAATCTGTGAGCTTTCTTATGGGACCCCTGG	120	
QY	121	CCACGAGTGTCTCTCTTGTGGCCCTTTGTGTACAGGAGGAGGAGCTGGCCCATCA	180	
Db	121	CCACGAGTGTCTCTCTTGTGGCCCTTTGTGTACAGGAGGAGGAGCTGGCCCATCA	180	
QY	181	GCTCCACTGCAAGGTTGACAAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCT	240	
Db	181	GCTCCACTGCAAGGTTGACAAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCT	240	
QY	241	TCATGCTGGCTAAGAGGCTAGCTGGCTGTATACACACAGAGCTTCTGCTCATTTGGG	300	
Db	241	TCATGCTGGCTAAGAGGCTAGCTGGCTGTATACACACAGAGCTTCTGCTCATTTGGG	300	
QY	301	AGAACTGTTCCACGAGTCACTATGAGTGGCGTCTCTATCTGTATGAGCAGGTGCTGA	360	

Db 301 AGAAAGTGTTCACGGAGTCAGTATGATGAGCGCTCTATCTGATGAACGAGCGTCTGA 360
QY 361 ACTTCACCCCTTGAAAGTGTCTGCTCCCTCAATCTGATAGTTCAGACCTTATATGAGG 420
Db 361 ACTTCACCCCTTGAAAGTGTCTGCTCCCTCAATCTGATAGTTCAGACCTTATATGAGG 420
QY 421 AGTGTGTGCCCTTCTGCGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTG 480
Db 421 AGTGTGTGCCCTTCTGCGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTG 480
QY 481 ATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGZAG 540
Db 481 ATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGZAG 540
QY 541 AGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTCAGAGAAATG 600
Db 541 AGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTCAGAGAAATG 600
QY 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATACTAACCCCTTTCCCTGCTAGAA 660
Db 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATACTAACCCCTTTCCCTGCTAGAA 660
QY 661 ATACCAATTTAGATCCCCCAAGCGATTTT 690
Db 661 ATACCAATTTAGATCCCCCAAGCGATTTT 690

RESULT 2
US-09-354-243B-24
; Sequence 24, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
; TITLE OF INVENTION: (Tifs)
; FILE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 24
; LENGTH: 690
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-24

Query Match 100.0%; Score 690; DB 4; Length 690;
Best Local Similarity 100.0%; Pred. No. 7e-197;
Matches 690; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGCAACAGCAGAACTTCAGAACAGGTTCTCCCTCCCAAGTCACCAAGTTCCTGAGTTAG 60
Db 1 TGCAACAGCAGAACTTCAGAACAGGTTCTCCCTCCCAAGTCACCAAGTTCCTGAGTTAG 60
QY 61 AATTGCTGCAATGCGCCCTTCAGAAATCTGTGAGCTCTTCTTATGGGACCTTG 120
Db 61 AATTGCTGCAATGCGCCCTTCAGAAATCTGTGAGCTCTTCTTATGGGACCTTG 120
QY 121 CCACAGCTGCTCTCTCTGCGCTCTTGGTACAGGGAGGAGCAGCTGCGCCCATCA 180
Db 121 CCACAGCTGCTCTCTCTGCGCTCTTGGTACAGGGAGGAGCAGCTGCGCCCATCA 180
QY 181 GCTCCACTGAGGCTTGCAAGTCCAACTTCCAGAGCCCTATATCAACCAACGACCT 240
Db 181 GCTCCACTGAGGCTTGCAAGTCCAACTTCCAGAGCCCTATATCAACCAACGACCT 240
QY 241 TCATGCTGGCTAAGAGGCTAGCTTGGCTGATACACACAGAGGTTCTGCTCATTTGGG 300

Db 241 TCATGCTGGCTAAGAGGCTAGCTTGGCTGATACACACAGAGCTTCGCTCATTTGGG 300
QY 301 AGAACTGTTCCACGGAGTCAGTATGATGAGTGAAGCTGCTATCTGATGAAGAGGCTGCTGA 360
Db 301 AGAACTGTTCCACGGAGTCAGTATGATGAGTGAAGCTGCTATCTGATGAAGAGGCTGCTGA 360
QY 361 ACTTCACCCCTTGAAAGTGTCTGCTCCCTCAATCTGATAGTTCAGACCTTATATGAGG 420
Db 361 ACTTCACCCCTTGAAAGTGTCTGCTCCCTCAATCTGATAGTTCAGACCTTATATGAGG 420
QY 421 AGTGTGTGCCCTTCTGCGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTG 480
Db 421 AGTGTGTGCCCTTCTGCGCCAGGCTCAGCAACAGGCTAAGCACATGTCATATTGAAGGTG 480
QY 481 ATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGZAG 540
Db 481 ATGACCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGGACACAGTGAAGAACTTGZAG 540
QY 541 AGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATG 600
Db 541 AGAGTGGAGAGATCAAGCAATTTGGAGAACTGGATTTGCTGTTATGCTCTGAGAAATG 600
QY 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATACTAACCCCTTTCCCTGCTAGAA 660
Db 601 CTTGCAATTTGACAGAGCAAGCTGAAAATGAATACTAACCCCTTTCCCTGCTAGAA 660
QY 661 ATACCAATTTAGATCCCCCAAGCGATTTT 690
Db 661 ATACCAATTTAGATCCCCCAAGCGATTTT 690

RESULT 3
US-09-870-574-1
; Sequence 1, Application US/09870574
; Patent No. 6551799
; GENERAL INFORMATION:
; APPLICANT: Gurney, Austin L.
; APPLICANT: Aggarwal, Sudeepa
; APPLICANT: Xie, Ming-Hong
; APPLICANT: Maruoka, Ellen M.
; APPLICANT: Foster, Jessica S.
; APPLICANT: Goddard, Audrey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
; FILE REFERENCE: P2806-1(US)
; CURRENT APPLICATION NUMBER: US/09/870,574
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 1152
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-870-574-1

Query Match 98.0%; Score 676; DB 4; Length 1152;
Best Local Similarity 100.0%; Pred. No. 1.4e-192;
Matches 676; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 CTTGACACAGGTTCTCCCTCCCAAGTCACCAAGTTCCTGAGTTAGATTCTCTGCAATG 74
Db 1 CTTGACACAGGTTCTCCCTCCCAAGTCACCAAGTTCCTGAGTTAGATTCTCTGCAATG 60
QY 75 GCGCGCTTCGAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCTC 134
Db 61 GCGCGCTTCGAGAAATCTGTGAGCTCTTCTTATGGGAGCCCTGGCCACAGCTGCTC 120

QY 135 CTTCTCTGGCCCTCTTTGGTACAGGAGGAGCAGCTCGGCCCATCAGCTCCCACTGCAGG 194
Db 121 CTTCTCTGGCCCTCTTTGGTACAGGAGGAGCAGCTCGGCCCATCAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGCAGCCTTATACCAACCGCAGCTTCATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCTTATACCAACCGCAGCTTCATGCTGGCTAAG 240
QY 255 GAGCTAGCTTGGCTGTATACAAACACAGAGCTTGGTCTCATTTGGGAGAACTGTTCCAC 314
Db 241 GAGCTAGCTTGGCTGTATACAAACACAGAGCTTGGTCTCATTTGGGAGAACTGTTCCAC 300
QY 315 GGAGTCAATGAGTGAAGCGCTGCTATCTGATGAAGCAGGCTGTAACCTTCAACCTTGAA 374
Db 301 GGAGTCAATGAGTGAAGCGCTGCTATCTGATGAAGCAGGCTGTAACCTTCAACCTTGAA 360
QY 375 GAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCTTATATGAGGAGGCTGGTGCCTTC 434
Db 361 GAAGTGTCTTCCCTCAATCTGATAGGTTCCAGCTTATATGAGGAGGCTGGTGCCTTC 420
QY 435 CTGGCCAGGCTCAGCACAGCTTAAGCACATGATCATTTGAAGTGTATGACCTGCATATC 494
Db 421 CTGGCCAGGCTCAGCACAGCTTAAGCACATGATCATTTGAAGTGTATGACCTGCATATC 480
QY 495 CAGAGGAATGTCAAAAGCTCAAGGACACAGTCAAAAGCTTGGAGAGAGTGAGAGATC 554
Db 481 CAGAGGAATGTCAAAAGCTCAAGGACACAGTCAAAAGCTTGGAGAGAGTGAGAGATC 540
QY 555 AAGCAATTTGGAGACTGGATTGCTGTTTATGCTCTGAGAAATGCTGCAATTTGACCA 614
Db 541 AAGCAATTTGGAGACTGGATTGCTGTTTATGCTCTGAGAAATGCTGCAATTTGACCA 600
QY 615 GAGCAAGCTGAAATTAATACTAACCCTTTCCCTGCTAGAAATTAACAATTAGATG 674
Db 601 GAGCAAGCTGAAATTAATACTAACCCTTTCCCTGCTAGAAATTAACAATTAGATG 660
QY 675 CCCCAGGCGATTTT 690
Db 661 CCCCAGGCGATTTT 676

RESULT 4

US-09-178-973B-7
; Sequence 7, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-7

Query Match 59.3%; Score 409.2; DB 3; Length 1119;
Best Local Similarity 76.1%; Pred. No. 9.8e-113;
Matches 504; Conservative 0; Mismatches 158; Indels 0; Gaps 0;

QY 29 CTCCTTCCCAGTCACCAAGTGTCTCGAGTTAGAATTTGTCTGCAATGGCGCCCTGCAGAA 88
Db 9 CTCCTCTCTCACTTATCAACTGTGTACACTTGTGCGAATCTCTGATGGCTGTCTTGAGAA 68
QY 89 ATCTGTGAGCTCTTCTTATGGGACCTTGGCCACCACTGCTCTCTCTCTCTCTCTCTCTCT 148

Db 69 ATCTATGAGTTTTTCCCTTATGGGAGCTTTGGCGCCAGCTGCTCTCTCTCTCTCTCTCTCT 128
QY 149 CTTGTTACAGGAGGAGCAGCTGGCCCATCAGCTCCCACTGCAGCTTGAAGAGCTTGAAGTCAA 208
Db 129 GTGGGCCCAAGAGGCAATGGCTGCCGTCAACCCGGTGAAGCTTGAAGTGTCCAA 188
QY 209 CTTCCAGCAGCCTTATATCAACCCGACCTTTCATGCTGGCTAAGGAGGCTAGCTTGGC 268
Db 189 CTTCCAGCAGCCTTATATCAACCCGACCTTTCATGCTGGCTAAGGAGGCTAGCTTGGC 248
QY 269 TGATAAACAACACAGAGCTTCTCTCATTTGGGAGAACTGTTCCAGGAGTCACTATGAG 328
Db 249 AGATAAACAACACAGAGCTTCCGCTCATTCGGGAGAACTGTTCCGAGAGTCACTATGCTAA 308
QY 329 TGAGCGCTGCTATCTGATGAAGAGGCTGCTGAACTTCAACCTTGAAGAAGTGTCTTCCC 388
Db 309 AGATCAGTGTCTACCTGATGAAGCAGGCTCAACTTCAACCTTGAAGAAGTGTCTTCCC 368
QY 389 TCAATCTGATAGTTCAGCCTTATATGAGGAGGCTGCTGCTCTCTCTCTCTCTCTCTCT 448
Db 369 CAGTCAAGAGGCTTCCAGCCTTATGAGGAGGCTGCTGCTCTCTCTCTCTCTCTCTCTCT 428
QY 449 CAACAGGCTAAGCAGTGTCTATTTGAAGGTGATGACCTGCTATCCAGAGAAATGTGCA 508
Db 429 CAATCAGCTCAGTCTCTGCTCATCAGCGGTGACGACCAAGACATCCAGAGAGATGTCAG 488
QY 509 AAAGCTGAAGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATCAAGCAATTTGAGA 568
Db 489 AAGCTGAAGAGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATCAAGCGATTTGGGA 548
QY 569 ACTGATTTGCTTTTATGCTCTGAGAAATGCTGCAATTTGACGAGCAAGCTGAAA 628
Db 549 ACTGAGCTGCTTTTATGCTCTGAGAAATGCTTGGCTCTGAGGAGAGAGCTAGAA 608
QY 629 AATGAATTAACCTTCT 688
Db 609 AACGAAGACTGCT 668
QY 689 TT 690
Db 669 TT 670

RESULT 5

US-09-419-568F-7
; Sequence 7, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs)
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 7
; LENGTH: 1119
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-7

Query Match 59.3%; Score 409.2; DB 4; Length 1119;
Best Local Similarity 76.1%; Pred. No. 9.8e-113;
Matches 504; Conservative 0; Mismatches 158; Indels 0; Gaps 0;
QY 29 CTCCTTCCCAGTCACCAAGTGTCTCGAGTTAGAATTTGTCTGCAATGGCGCCCTGCAGAA 88

Query Match 59.1%; Score 407.6; DB 3; Length 1111;
Best Local Similarity 76.0%; Pred. No. 3e-112;
Matches 503; Conservative 0; Mismatches 159; Indels 0; Gaps 0;

QY 29 CTCCTTCCCGAGTCACAGTGTCTCGAGTTAGAAATGCTGCAATGGCGCCCTGCAGAA 88
DB 7 CTCCTCTCAGTATACATTTTGACACTTGTGCGATCGGTGATGGCTCTCTCTGAGAA 66
QY 89 ATCTGTAGCTCTTTCTTATGAGGACCCCTGCGCACAGCTGCTCTCTCTCTCTCTCT 148
DB 67 ATCTATGAGTTTCTCTTATGAGGACCTTTGGCGCCAGCTGCTCTCTCTCTCTCTCT 126
QY 149 CTTGGTACAGGAGGAGCAGCTGCGCCCATCTGCTGCGATCGGTGATGGCTCTCTCTG 208
DB 127 GTGGCCCGAGGAGCAATGGCTGCCCATCAACCCGGTGAAGTTGAGGTGCTCA 186
QY 209 CTTCCAGAGCCCTATATACCAACCGCACCTTCTGCTGGCTAAGGAGGCTAGCTTGGC 268
DB 187 CTTCCAGAGCCCTATATACCAACCGCACCTTCTGCTGGCTAAGGAGGCTAGCTTGGC 246
QY 269 TGATACACACAGAGCTTCTGCTCATTTGGGAGAACTGTTCCACGGAGTCAGTATGAG 328
DB 247 AGATACACACAGAGCTTCTGCTCATCGGGAGAACTGTTCCGAGGAGTCAGTGCTAA 306
QY 329 TGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAAGAAAGTCTGTCCC 388
DB 307 GGATCAGTCTACCTGATGAAGCAGGTGCTCACTTCAACCTTGAAGAAAGTCTGTCCC 366
QY 389 TCAATCTGATAGTTCAGCTTATATGAGGAGGTGGTGGCTTCTCTGCGCAGGCTGAG 448
DB 367 CCAGTCAGAGAGTTCGGGCCCTTACATGCAAGGAGGTGGTGGCTTCTCTGACCAAACTCAG 426
QY 449 CAACAGGCTAAGCACATGTCATATGAAGGTGATGACCTGTCATATCCAGAGCAATGTGCA 508
DB 427 CAATCAGCTCAGCTCTCTGTCACATCAGTGGTGGACCAAGAAATGTGCTAG 486
QY 509 AAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATCAAGCAATTTGGAGA 568
DB 487 AAGGCTGAAGGAGACAGTGAAGAAAGCTTGGAGAGCGGAGAGATCAAGCAATTTGGAGA 546
QY 569 ACTGGATTTCTGTTTATGCTCTGAGAAATGCTGCAATTTGACAGCAAGCTGAA 628
DB 547 ACTGGACCTGCTTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAAGAGCTAGAA 606
QY 629 AATGAATAACTAACCCCTTCTCTGCTAGAAATAACAATTAGATGCCCCAAAGCGATT 688
DB 607 AACGAAGAACTGCTCTCTCTGCTTCTTAAAGAAACAATAAGATCCCTGAATGGACTTT 666
QY 689 TT 690
DB 667 TT 668

RESULT 8
US-09-419-568F-9
; Sequence 9, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1111

Query Match 59.1%; Score 407.6; DB 4; Length 1111;
Best Local Similarity 76.0%; Pred. No. 3e-112;
Matches 503; Conservative 0; Mismatches 159; Indels 0; Gaps 0;

QY 29 CTCCTTCCCGAGTCACAGTGTCTCGAGTTAGAAATGCTGCAATGGCGCCCTGCAGAA 88
DB 7 CTCCTCTCAGTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTCTCTCTGAGAA 66
QY 89 ATCTGTAGCTCTTTCTTATGAGGACCCCTGCGCACAGCTGCTCTCTCTCTCTCTCT 148
DB 67 ATCTATGAGTTTCTCTTATGAGGACCTTTGGCGCCAGCTGCTCTCTCTCTCTCTCT 126
QY 149 CTTGGTACAGGAGGAGCAGCTGCGCCCATCTGCTGCGATCGGTGATGGCTCTCTCTG 208
DB 127 GTGGCCCGAGGAGCAATGGCTGCCCATCAACCCGGTGAAGTTGAGGTGCTCA 186
QY 209 CTTCCAGAGCCCTATATCAACCGCACCTTCTGCTGGCTAAGGAGGCTAGCTTGGC 268
DB 187 CTTCCAGAGCCCTATATCAACCGCACCTTCTGCTGGCTAAGGAGGCTAGCTTGGC 246
QY 269 TGATACACACAGAGCTTCTGCTCATTTGGGAGAACTGTTCCACGGAGTCAGTATGAG 328
DB 247 AGATACACACAGAGCTTCTGCTCATCGGGAGAACTGTTCCGAGGAGTCAGTGCTAA 306
QY 329 TGAGCGCTGCTATCTGATGAAGCAGGTGCTGAACTTCAACCTTGAAGAAAGTCTGTCCC 388
DB 307 GGATCAGTCTACCTGATGAAGCAGGTGCTCACTTCAACCTTGAAGAAAGTCTGTCCC 366
QY 389 TCAATCTGATAGTTCAGCTTATATGAGGAGGTGGTGGCTTCTCTGCGCAGGCTGAG 448
DB 367 CCAGTCAGAGAGTTCGGGCCCTTACATGCAAGGAGGTGGTGGCTTCTCTGACCAAACTCAG 426
QY 449 CAACAGGCTAAGCACATGTCATATGAAGGTGATGACCTGTCATATCCAGAGCAATGTGCA 508
DB 427 CAATCAGCTCAGCTCTCTGTCACATCAGTGGTGGACCAAGAAATGTGCTAG 486
QY 509 AAAGCTGAAGGACACAGTGAAGAAAGCTTGGAGAGTGGAGAGATCAAGCAATTTGGAGA 568
DB 487 AAGGCTGAAGGAGACAGTGAAGAAAGCTTGGAGAGCGGAGAGATCAAGCAATTTGGAGA 546
QY 569 ACTGGATTTCTGTTTATGCTCTGAGAAATGCTGCAATTTGACAGCAAGCTGAA 628
DB 547 ACTGSACTGCTGTTTATGCTCTGAGAAATGCTTGGCTCTGAGCGAAGAGCTAGAA 606
QY 629 AATGAATAACTAACCCCTTCTCTGCTAGAAATAACAATTAGATGCCCCAAAGCGATT 688
DB 607 AACGAAGAACTGCTCTCTCTGCTTCTTAAAGAAACAATAAGATCCCTGAATGGACTTT 666
QY 689 TT 690
DB 667 TT 668

RESULT 9
US-09-354-243B-9
; Sequence 9, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973

Db 61 AATTGTCTCAATGCGCGCCCTGCGAGAAATCTGTGAGCTCTTCTTCTTATGGGACCCCTGG 120
QY 121 CCACAGCTGCTCTCTTCTTCTTGGCCCTCTTGTACAGGAGGACGCTGCGCCCATCA 180
Db 121 CCACAGCTGCTCTCTTCTTCTTGGCCCTCTTGTACAGGAGGACGCTGCGCCCATCA 180
QY 181 GTCCCACTGAGGCTTGACAAAGTCCAACTTCCAGCAGCCCTATATCAACCAACCGCACCT 240
Db 181 GTCCCACTGAGGCTTGACAAAGTCCAACTTCCAGCAGCCCTATATCAACCAACCGCACCT 240
QY 241 TCATGCTGGCTAAGGAGG 258
Db 241 TCATGCTGGCTAAGGAGG 258
RESULT 12
US-09-178-973B-17
; Sequence 17, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 17
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-17
Query Match 18.5%; Score 127.6; DB 3; Length 5935;
Best Local Similarity 72.2%; Pred. No. 4.2e-28;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
QY 29 CTCCTTCCCAGTCAACGAGTCTCGAGTTAGAAATGTCTGCAATGGCGCCCTTCGAGAA 88
Db 356 CTCCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGTCTTCGAGAA 415
QY 89 ATCTGTGAGCTCTTCTTCTTATGGGACCCCTGCGCCCATCAACACCCCGGTGCAAGCTTGTAGGTGCCAA 208
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCCCGCAGCTGCTTCTTCATTTGCCCT 475
QY 149 CTTGGTACAGGAGGAGGAGCTGCGCCCATCAACGAGCTTCCAGCTTCCAGCTTGAAGTCCAA 208
Db 476 GTGGCCCGAGGAGGCAAAATGGCTGCCCATCAACACCCCGGTGCAAGCTTGTAGGTGCCAA 535
QY 209 CTTCCAGAGCCCTATATCAACACCGCACCTTATGCTGGCTAAGGAGG 258
Db 536 CTTCCAGAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGG 585
RESULT 13
US-09-419-568F-29
; Sequence 29, Application US/09419568F
; Patent No. 6331613
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/419,568F
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/354,243
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-419-568F-29
Query Match 18.5%; Score 127.6; DB 4; Length 5935;
Best Local Similarity 72.2%; Pred. No. 4.2e-28;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
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Db 536 CTTCCAGAGCCGTACATCGTCAACCGCACCTTTATGCTGGCCCAAGGAGG 585
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; Sequence 29, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Pe
; TITLE OF INVENTION: (TIPS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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Query Match 18.5%; Score 127.6; DB 4; Length 5935;
Best Local Similarity 72.2%; Pred. No. 4.2e-28;
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RESULT 15
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; Sequence 8, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
; TITLE OF INVENTION: (TlPs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
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Best Local Similarity 71.7%; Pred. No. 1.4e-27;
Matches 165; Conservative 0; Mismatches 65; Indels 0; Gaps 0;
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Job time : 39.0132 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2004, 00:09:26 ; Search time 1553.02 Seconds
(without alignments)
11378.044 Million cell updates/sec

Title: US-09-751-797-25

Perfect score: 4797

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Scoring table: IDENTITY NUC

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Searched: 2449703 seqs, 1841816367 residues

Total number of hits satisfying chosen parameters: 4899406

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Maximum Match 100%

Listing first 45 summaries

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- 18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	1073.6	22.4	1074	14	US-10-027-632-1181
4	686	14.3	7445	9	US-09-751-797-8
5	650	13.6	5935	9	US-09-751-797-29
6	611.8	12.8	637	13	US-10-027-632-208140
7	611.8	12.8	637	13	US-10-027-632-208141
8	611.8	12.8	637	13	US-10-027-632-208142
9	611.8	12.8	637	14	US-10-027-632-208140
10	611.8	12.8	637	14	US-10-027-632-208141
11	611.8	12.8	637	14	US-10-027-632-208142
12	258	5.4	690	9	US-09-751-797-24
13	244	5.1	1152	10	US-09-870-574-1
14	244	5.1	1152	12	US-10-232-226-243
15	244	5.1	1152	12	US-10-230-130-243

16	244	5.1	1152	13	US-10-063-735-153	Sequence 153, App
17	244	5.1	1152	13	US-10-216-163-243	Sequence 243, App
18	244	5.1	1152	13	US-10-063-526-153	Sequence 153, App
19	244	5.1	1152	13	US-10-066-198-125	Sequence 125, App
20	244	5.1	1152	13	US-10-063-586-153	Sequence 153, App
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36	244	5.1	1152	13	US-10-063-577-153	Sequence 153, App
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ALIGNMENTS

RESULT 1

US-09-751-797-25
; Sequence 25, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Lohued, Jamila
; APPLICANT: Renaud, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR FILING DATE: 09/419,568
; PRIOR APPLICATION NUMBER: 1999-10-18
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 25
; LENGTH: 4797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-25

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			Indels	0;
			Gaps	0;
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DB 3601 TCTTTGAGATAGAAAAAATATCTTTTGGCTTATCTCAAAAGAAATGTGAAAGGTGA 3660
QY 3661 AAGGGCGAAGAAAGCAGGAGAAAGAAACCAATGATATATATAGAGGACAAATGGTGACA 3720
DB 3661 AAGGGCGAAGAAAGCAGGAGAAAGAAACCAATGATATATATAGAGGACAAATGGTGACA 3720
QY 3721 AGGTTTTCTTTGAAATTAATGCAATATGATAGATTTAGAGGAAATTCAGTAGGGAATGCTT 3780
DB 3721 AGGTTTTCTTTGAAATTAATGCAATATGATAGATTTAGAGGAAATTCAGTAGGGAATGCTT 3780
QY 3781 TTCACTTTGAATTTGGGTTTTCTCTTCGATTAAGTTTTGGGATCCTCACTCGCATTTGACTT 3840
DB 3781 TTCACTTTGAATTTGGGTTTTCTCTTCGATTAAGTTTTGGGATCCTCACTCGCATTTGACTT 3840
QY 3841 GGAGAGAGAAAGAAATGAATGTTAGGACCTATATCTGGTTTTCTATTAACTAAAGCAAGTG 3900
DB 3841 GGAGAGAGAAAGAAATGAATGTTAGGACCTATATCTGGTTTTCTATTAACTAAAGCAAGTG 3900
QY 3901 GAAAGACTTATTTGGTATTTTCCCAACAAAGTGAAGAACTTTTCTTTACTGTTGTCA 3960
DB 3901 GAAAGACTTATTTGGTATTTTCCCAACAAAGTGAAGAACTTTTCTTTACTGTTGTCA 3960
QY 3961 AAAAGTGGAAATAGAAAAAGCCTTAATGTTTGGTGAATACATGTTTCAAGTCAATTTG 4020
DB 3961 AAAAGTGGAAATAGAAAAAGCCTTAATGTTTGGTGAATACATGTTTCAAGTCAATTTG 4020
QY 4021 AGTAGAGATGTTTAAATCAGGAGTGTCCAAATCAATTTGGCTTCCCTGGGACCACTTGAAA 4080
DB 4021 AGTAGAGATGTTTAAATCAGGAGTGTCCAAATCAATTTGGCTTCCCTGGGACCACTTGAAA 4080
QY 4081 GAATTTGCTTGGTACACACATAAAATACAAAGAAATAGCTGATGAGTAAAGGTTCCA 4140
DB 4081 GAATTTGCTTGGTACACACATAAAATACAAAGAAATAGCTGATGAGTAAAGGTTCCA 4140
QY 4141 TGCATAAATCTCATATCTGTTTTTAAGAAAGTTTATGAAATTTCTGTAGGGTGCATTTCAAAG 4200
DB 4141 TGCATAAATCTCATATCTGTTTTTAAGAAAGTTTATGAAATTTCTGTAGGGTGCATTTCAAAG 4200
QY 4201 CTGTCTTGGGCCATGTGGGCTGTGGCTGAGGTTGGACAGCTCTTTTATAGTAATC 4260
DB 4201 CTGTCTTGGGCCATGTGGGCTGTGGCTGAGGTTGGACAGCTCTTTTATAGTAATC 4260
QY 4261 TGTCTATAGATGTTTGGAGCTGCAAAACAGGCCCAAGGCATAATGGTGGCACTCCGGAT 4320
DB 4261 TGTCTATAGATGTTTGGAGCTGCAAAACAGGCCCAAGGCATAATGGTGGCACTCCGGAT 4320
QY 4321 CCCCAGATCCAGCTCACTTCTGCTCTGTTCTGTTAGAGGGGTGGTCACTC 4380
DB 4321 CCCCAGATCCAGCTCACTTCTGCTCTGTTCTGTTAGAGGGGTGGTCACTC 4380
QY 4381 TCTGCCAGCTTTTAAACAGCTTCATTAGTGTGAGGTGCACCTGAAATTCATGCTGCTG 4440
DB 4381 TCTGCCAGCTTTTAAACAGCTTCATTAGTGTGAGGTGCACCTGAAATTCATGCTGCTG 4440
QY 4441 GTGGCTCTCAGTCCAGAGAGCGGTCAATTTTAAGCTCTTTGGGCAATCATACATACTAA 4500
DB 4441 GTGGCTCTCAGTCCAGAGAGCGGTCAATTTTAAGCTCTTTGGGCAATCATACATACTAA 4500
QY 4501 AGGGATATTACTGATGATTTTACAAATGCTTTAAAGTCTGGTTTCTGTCTCCATCAACC 4560

Db 4501 AGGGATATTACTATGAATGTTTACAAATGCTTAAACCTCGGTTCTGCTCCATCAACC 4560
Qy 4561 TAACTCTTGGCAATTTCTAATTTGTTCACTTTAGAAAACATGCGATAAATGCTCAAACTATT 4620
Db 4561 TAACTCTTGGCAATTTCTAATTTGTTCACTTTAGAAAACATGCGATAAATGCTCAAACTATT 4620
Qy 4621 TTGCATCTCTTATTTTTCACGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGG 4680
Db 4621 TTGCATCTCTTATTTTTCACGCTTGGAGAGATGGAGAGATCAAGCAATTTGGAGAACTGG 4680
Qy 4681 ATTTGCTGTTTATGCTCTCTGAGAAATGCTTGCATTTGACAGAGCAAGCTGAAAATGA 4740
Db 4681 ATTTGCTGTTTATGCTCTCTGAGAAATGCTTGCATTTGACAGAGCAAGCTGAAAATGA 4740
Qy 4741 ATAATAACCCCTTTCCCTGCTAGAAATTAACAAATAGATGCCCCAAAGCGATTTT 4797
Db 4741 ATAATAACCCCTTTCCCTGCTAGAAATTAACAAATAGATGCCCCAAAGCGATTTT 4797

RESULT 2

US-10-027-632-118181/c
; Sequence 118181, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMERIZATION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118181
; LENGTH: 1074
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-118181

Query Match 22.4%; Score 1073.6; DB 13; Length 1074;
Best Local Similarity 99.9%; Pred. No. 2.5e-264;
Matches 1073; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 2472 TCGTTTGAACCTTGGAGATATAAATCTAGAAATGAGAAAGAGCTGGACTTGCATATA 2531
Db 1074 TCGTTTGAACCTTGGAGATATAAATCTAGAAATGAGAAAGAGCTGGACTTGCATATA 1015
Qy 2532 GGGCTAATTTCTGAGTAAATAACACATTTATTTGAATTAATCAATATCTATCAGATATT 2591
Db 1014 GGGCTAATTTCTGAGTAAATAACACATTTATTTGAATTAATCAATATCTATCAGATATT 255
Qy 2592 GATTATAGTTTAAAGCAAGCAGACACACCCGATCTCTTTTATACAGTTTCAATAGA 2651
Db 954 GATTATAGTTTAAAGCAAGCAGACACACCCGATCTCTTTTATACAGTTTCAATAGA 895
Qy 2652 GTAAAAATATTAGTAAGAGATTTATATAGTTAAATCGAGTCTGAATTTGGTAAGCTTTT 2711
Db 894 GTAAAAATATTAGTAAGAGATTTATATAGTTAAATCGAGTCTGAATTTGGTAAGCTTTT 835

Qy 2712 TTTTCTTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTTCTTCTTCTTCTTCTTCAACA 2771
Db 834 TTTTCTTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTTCTTCTTCTTCTTCTTCAACA 775
Qy 2772 AATCCCTAGGAGAGATTTATCCATGTTGGGTGGGTGTACATTTCTATAGTGAATGATACC 2831
Db 774 AATCCCTAGGAGAGATTTATCCATGTTGGGTGGGTGTACATTTCTATAGTGAATGATACC 715
Qy 2832 ATCATGTGGCTTATTTGGTGAAGAAACAACAATGGAAGCTTATAGATAAACAATGATACC 2891
Db 714 ATCATGTGGCTTATTTGGTGAAGAAACAACAATGGAAGCTTATAGATAAACAATGATACC 655
Qy 2892 TCACCCCAAAACCGAGGATGATTAGGAGGAGTGAAGTGAAGTCAAGCTTCTTGCACAGGATA 2951
Db 654 TCACCCCAAAACCGAGGATGATTAGGAGGAGTGAAGTGAAGTCAAGCTTCTTGCACAGGATA 595
Qy 2952 CAACATAATCTCAGAAACATGAAGGCTTCCAGTTGATGGAATTTTCACTAACAAGCTTAA 3011
Db 594 CAACATAATCTCAGAAACATGAAGGCTTCCAGTTGATGGAATTTTCACTAACAAGCTTAA 535
Qy 3012 CCTTAATTTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3071
Db 534 CCTTAATTTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 475
Qy 3072 TTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3131
Db 474 TTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 415
Qy 3132 AGCCAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3191
Db 414 AGCCAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 355
Qy 3192 CACAGACAAGCATGCTTTTACACATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3251
Db 354 CACAGACAAGCATGCTTTTACACATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 295
Qy 3252 TGTCTTTAGAAAAGTGTGAGAGAGAGATCTCATGCTGATCTGTGATTTTCA 3311
Db 294 TGTCTTTAGAAAAGTGTGAGAGAGAGATCTCATGCTGATCTGTGATTTTCA 235
Qy 3312 AGACCTTTAATCCATTTTGAAGAAATCAATTTTCAATTTTCAATTTTCAATTTTCAATTTTCA 3371
Db 234 AGACCTTTAATCCATTTTGAAGAAATCAATTTTCAATTTTCAATTTTCAATTTTCAATTTTCA 175
Qy 3372 GAGTGATTTATGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3431
Db 174 GAGTGATTTATGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 115
Qy 3432 CAGAGAAAGATCAACAGGAGGAGAACTGTCTGAGAGCTGTCTGAAATAGGTTGGTGGG 3491
Db 114 CAGAGAAAGATCAACAGGAGGAGAACTGTCTGAGAGCTGTCTGAAATAGGTTGGTGGG 55
Qy 3492 AGGCATTAATTTCCCTCTCTGTTGGGGTAAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3545
Db 54 AGGCATTAATTTCCCTCTCTGTTGGGGTAAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1

RESULT 3

US-10-027-632-118181/c
; Sequence 118181, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMERIZATION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 118181
LENGTH: 1074
TYPE: DNA
ORGANISM: Human
US-10-027-632-118181

Query Match 22.4%; Score 1073.6; DB 14; Length 1074;
Best Local Similarity 99.9%; Pred. No. 2.5e-264; Mismatches 0; Indels 0; Gaps 0;
Matches 1073; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2472 TGCTTTGAAACTTGGAGAAATAAAGTCTGAGAAAGAGCTGGACTTGCATATA 2531
Db 1074 TGCTTTGAAACTTGGAGAAATAAAGTCTGAGAAAGAGCTGGACTTGCATATA 1015
QY 2532 GGCTAAATTTCTCGAGTAAATACACTTATTTTGAATTTATCATATCTATCAGATAT 2591
Db 1014 GGCTAAATTTCTCGAGTAAATACACTTATTTTGAATTTATCATATCTATCAGATAT 955
QY 2592 GATTATAGTTTAAAGCAAGAGCAGACCAACCCGATCTCTTTTATACAGTTCAATAGA 2651
Db 954 GATTATAGTTTAAAGCAAGAGCAGACCAACCCGATCTCTTTTATACAGTTCAATAGA 895
QY 2652 GTAAAAATATAGTAGAGATTTTATATAGTTAAATGGAGCTGTAATGGTAAGCTTTT 2711
Db 894 GTAAAAATATAGTAGAGATTTTATATAGTTAAATGGAGCTGTAATGGTAAGCTTTT 835
QY 2712 TTTTCTTCCCTCTCTCCCATCAAGACCTTCCATCTAGTTTCTTCTTCACTCCCTCAACA 2771
Db 834 TTTTCTTCCCTCTCTCCCATCAAGACCTTCCATCTAGTTTCTTCTTCACTCCCTCAACA 775
QY 2772 AATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTTCTATAGTAATGATACC 2831
Db 774 AATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTTCTATAGTAATGATACC 715
QY 2832 ATCATGTGGCTATTGGTGAAGAAACAAATGAAAGCTTAGACTAACAATAGTAGAC 2891
Db 714 ATCATGTGGCTATTGGTGAAGAAACAAATGAAAGCTTAGACTAACAATAGTAGAC 655
QY 2892 TCACCCCAAAACCGGAGGAATGATTAGGACAGTGAAGTGAAGCTCTTTGCAAGCAGGTA 2951
Db 654 TCACCCCAAAACCGGAGGAATGATTAGGACAGTGAAGTGAAGCTCTTTGCAAGCAGGTA 595
QY 2952 CAACTAATACTCAGAAACATGAGGCTCCAGTTGATGGAATTTTCACTAACAGCTTAA 3011
Db 594 CAACTAATACTCAGAAACATGAGGCTCCAGTTGATGGAATTTTCACTAACAGCTTAA 535
QY 3012 CCTTAATCCCCCTTTTCCCTCTTGACATTTTAAAAAGCGTTTCTCTGAGCATCAT 3071
Db 534 CCTTAATCCCCCTTTTCCCTCTTGACATTTTAAAAAGCGTTTCTCTGAGCATCAT 475
QY 3072 TTAATGAGTGTGACTGTTTCTTCTTGAATAATGAGGCTTTGTAGTTTAAATTTGGA 3131
Db 474 TTAATGAGTGTGACTGTTTCTTCTTGAATAATGAGGCTTTGTAGTTTAAATTTGGA 415
QY 3132 AGCCAGCTTCTTGTGTTATAGAACTATTATCTAGACATGAGGCTGGAATGTTAGCATGC 3191
Db 414 AGCCAGCTTCTTGTGTTATAGAACTATTATCTAGACATGAGGCTGGAATGTTAGCATGC 355
QY 3192 CACAGCAAGGCAATGCTTTACATCTGTTTAAAAAATTTACGATTTATCTTGTCTG 3251
Db 354 CACAGCAAGGCAATGCTTTACATCTGTTTAAAAAATTTACGATTTATCTTGTCTG 295
QY 3252 TGTCTTTAGAAAGTGAAGTGTGAGAGGAGGAATCTCATGTTGTGTTGATTTTCA 3311

Db 294 TGTCTTTAGAAAGTGAAGTGTGAGAGAGAGAAATCTCATGTTGATCTGTTGATTTCA 235
QY 3312 AGACCTTTAATCCATTTTGAAGAATCAATTTCAATTTGCAATGGTTGCCATGTGAA 3371
Db 234 AGACCTTTAATCCATTTTGAAGAATCAATTTCAATTTGCAATGGTTGCCATGTGAA 175
QY 3372 GAGTGATTATGCTTTTTTGTGTTAGCTTTCAGAAAGCAGAGGAGGAGCAATGTTGTT 3431
Db 174 GAGTGATTATGCTTTTTTGTGTTAGCTTTCAGAAAGCAGAGGAGGAGCAATGTTGTT 115
QY 3432 CAGAGAAAGATCAACAGGAGGAGAAACTGTCTCAGAGCTGTCTGAAATAGGTTGGTGGG 3491
Db 114 CAGAGAAAGATCAACAGGAGGAGAAACTGTCTCAGAGCTGTCTGAAATAGGTTGGTGGG 55
QY 3492 AGGCATTAAATTCCTCTCTGTTGGGGTAAAGCAGAAACGAGGTTGGTAGTAAA 3545
Db 54 AGGCATTAAATTCCTCTCTGTTGGGGTAAAGCAGAAACGAGGTTGGTAGTAAA 1

RESULT 4

US-09-751-797-8
; Sequence 8, Application US/09751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; FILE OF INVENTION: (TIPS) The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
US-09-751-797-8

Query Match 14.3%; Score 686; DB 9; Length 7445;
Best Local Similarity 53.8%; Pred. No. 2.7e-164;
Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

QY 29 CTCCTTCCCACTCAGTCACAGATTCGCTCGAGTTAGAAATTCCTGCAATGGCCGCTTCAGAA 88
Db 2034 CTCCTTCTCACTTATCAACTGTTGACACTTGTGCGATCTCTGATGCTGTCTTCAGAA 2093
QY 89 ATCTGTGAGCTCTTTCCTTATGGGACCTGGCCACAGCTGCTCTCTCTCTCTTCTTGGCCT 148
Db 2094 ATCTATGAGTTTTCCTTATGGGACTTTGGCCGAGCTGCTCTCTCTCTCTTCTTCTT 2153
QY 149 CTGTGTACAGGAGGAGCAGCTGGCCCATCAGCTCCCTCCACTGAGGCTTGCAAGTCCAA 208
Db 2154 GTGGCCCAAGAGGCAATGCGCTGCCGTCACACCCGGTGCAAGTTGAGGTGTCCAA 2213
QY 209 CTTCCAGAGCCCTTATATACCAACCCGACCTTCATGCTGGCTAAGGAGGATACATCTC 268
Db 2214 CTTCCAGAGCCGTCATCTCGTCAACCCGACCTTTATGCTGGCCCAAGGAGGTACAGTCA 2273
QY 269 AATCTGCTCTCTTCTCGTTGGATCTACTTGGAAATCCAAATAGTTCTTAAACTTTCTTCA 328
Db 2274 TCTCTTCTCTCCAAACCGCCTTCCCAATTTCTCTGAAGCACTTGCAAACTCTTTAGGG 2333
QY 329 GAGCATCTCTAAGAGCTTTTAGGAACCCCACTGTTTATCCCTGAGGAGTAAATTTCTG 388
Db 2334 CGCTTATCTCCGACAGGTCTCACTACCTATGTTT-----TCTGCTCTCTTAGAG 2382

Qy	4626	TTCTTATTTTTCACAGCTTTGGAGAGAGTGGAGAGATCAAAGCAATTGGAGAACTGGGATTTG	4685
Db	5524	TTCTTATTTTTCATAGCTTTGGAGAGAGTGGAGAGATCAAGCGATTTGGGGAACATGGACCTG	6583
Qy	4686	CTGTTTATGTCTCTGAGAAATGCCTGCATTTTGACCAAGAGCAAAAGCTGAAAAATGCAATAAC	4745
Db	5584	CTGTTTATGTCTCTGAGAAATGCTTGCGTCTGACGAGAGAAGAGCTAGAAAAAGAAAGAC	6643
Qy	4746	TAAACCCCTTTTCCTGCTAGAAAATAACAAATTAGATGCCCAAGACGCAATTTTT	4797
Db	5644	TGCTCTCTCTGCTCTCTTAAAAAGAACAAATAAGATCCTCGAATGGACATTTTT	6695

RESULT 5

```

US-09-751-797-29
; Sequence 29, Application US/09/751797
; Patent No. US20010024652A1
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
; TITLE OF INVENTION: (TIFF) The Proteins Encoded, and Uses Thereof
; FILE REFERENCES: LUD 5543.2
; CURRENT APPLICATION NUMBER: US/09/751,797
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: 09/419,568
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-751-797-29

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Query Match	13.6%;	Score 650;	DB 9;	Length 5935;
Best Local Similarity	56.5%;	Prod. No. 4e-155;		
Matches 1863;	Conservative	0;	Mismatches 1285;	Indels 152; Gaps 29;
QY	29	CTCCTTCCCAGTCACCGAGTTGCTCGAGTTGTAGAAATGCTCGCAATGCGCCGCTGCAGAA	88	
Db	356	CTTCCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGTCTTGAGAA	415	
QY	89	ATCTGTGAGCTCTTTCTCTTAATGGGGACCCCTGGCCACAGCTGCCTCTCTCTTGGCCCT	148	
Db	416	ATCTATGAGTTTTCCTTATGGGGAATTGGCGCCAGCTGCCTGCTTCTCATTTGCCCT	475	
QY	149	CTTGTGTACAGGGAGGAGCAGCTGGCCCATCAGCTCCCACTGCAGAGGCTTCACAAGTCCAA	208	
Db	476	GTGGGCCCGAGGAGGCAATGCGCTGCCCATCAACCCGGTGCAGGTTGAGGTGTCCAA	535	
QY	209	CTTCCAGAGCCCTATATCAACACCGCACTTCATGCTGGCTAAGAGGATATACATCTC	268	
Db	536	CTTCCAGAGCCCTATACATGCTCAACCGCACTTATGCTGCCAAGAGGATACAGTGCA	595	
QY	269	AATCCTGCTCTTTCTCGTTGGATCTACTTGGAAATCCAAATAGTCTTTAACTTTTCTTCA	328	
Db	596	TCCTTTCTCTCATACCGCCTTGCCATTTCTCTGAAGCACTTGCAAACTCTTTAGGGC	655	
QY	329	GAGCATCTCTAAGAGCTTTAGGAACCACTGTTTATCCCTGAGGGTAGATAAATTTCTG	388	
Db	656	GCTTTATCTCCGAGGCTCTCACTACCTATGTTTCTGTCT-----CTTTAGAG	703	
QY	389	TTTTTTTCAGAGACTCTTTGGGAATCTGGCTTTTTTTTTTTTCTTGAATCTTCTCTCCAT	448	
Db	704	ACTCTTTAAGCACTGGATCTTTTCTATTCTATTTCACAGTCTCAGGACCATTTCTTAT	763	
QY	449	TTTGGCCTTTATGATACATAGTAGAATTTTTTCCCAAGAGCGGCCATTCAAGTAATCCAT	508	
Db	764	CTTGGCCTTCAGACACATATCTAGTAATTTTATCTCAGAGGGCGCTTT--AGAAAGCCA	821	

Qy	509	CTGATGATTTTTTTTCTTATGCTCTGTGCATTTGTTCTAAACTCATGACACATCTG	568
Db	822	CCACGACTGCAATACTTTCCATCTCTGTGTCTCTCTCTGAACTCATACTCTCTTGGC	881
Qy	569	AATTCTGCTTTTAACTCTTTATGATGTGCTCTGGGAGACGGATGGGGCACATGCTAT	628
Db	882	TACTC-----CTGAGACCCACTCGGACATACATCTCTAC	916
Qy	629	GTATAAATTTTTTTCTATTGTCTCAATGTCAGACCCCTTAGTCTTTCTCTCTCTCCAG	688
Db	917	TTACAGCTTTTCTTCACTCTCTGTGCACCCAGGCATTAGGGTTTC-TCTCTTTTCAG	975
Qy	689	GCTAGCTTGGCTGATTAACAAACACAGAGCTTGGTCTCATTTGGGAGAGAACTGTTCACGGA	748
Db	976	GCCAGCCTTCAGATAACAAACACAGAGCTCCGCTCATCGGGAGAGAACTGTTCGAGGA	1035
Qy	749	GTCAAGTGTAGCTTACAGTTGTGACGACACAGGCGGTGTGCCGTCCATGGGTACTTGGGT	808
Db	1036	GTCAAGTGAAGTCCCTCACTGTGATGACGGGC-----TAGCTGGGGAGCT	1082
Qy	809	GGTGGTGATGATGGTTTAGTCTTTATCCCTTATGACCCCTTTCTGTTTCCCTCCACCTGC	868
Db	1083	GGTGGACCTCTGGGATAG---TCTGACGTATGACCCCTGCTCTTCTTGTCTAOCCTC	1138
Qy	869	AGATGAGTGAGCCTGCTATCTGATGACAGAGTGTGACTTTCACCTTTGAGAGAGTGC	928
Db	1139	AGCTTAGGATCAGTGTACTCTGATGAGCAGGTGCTCAACTTCACCTCGGAGACATTC	1198
Qy	929	TGTTCCCTCAATCTGATAGTTCACGCTTATATGACGAGGTGGTGCCCTTCCCTGGCCA	988
Db	1199	TGCTCCCCAGTCAGACAGGTTCCGGCCCTTACATGACGAGAGTGGTGCTTCTCTGACCA	1258
Qy	989	GGCTCAGCAACAGCTTAAGCACATGTGTAGTTTACGCTCTCAGCCCTATGCCACCTACCC	1048
Db	1259	AATCAGCAATCAGCTCAGCTCCTGTGTAAAGTCTGGCTCTGGGTACCTATGCTCTCTCT	1318
Qy	1049	CTCCTTCCCTCCCTTCCACAGAGACCCCTTACCCCAACTCTCTCTCTCTCCCCCTACCC	1108
Db	1319	CTTCTCTTCTATTCCAGTAAGAACCCGAGTCTCTGCCCTCTCTCTTTCACAAAGATGA	1378
Qy	1109	TAAGCTAGCAGGAAGAGTGTCTTGGCAGCAGTGTATCAGGAGTCA-----TTTGGG	1161
Db	1379	GGAGGGCTCAGCACCCACACATCATAGGCCACTTGAATAGGTCAAAAGCTTTGGC	1438
Qy	1162	ATCATAGATPATTGGCTTTTGTCTTCACTGAGTCACATCTTGAGTTTATAGTGGTGAATG	1221
Db	1439	TTCAATTGAGTAATACTTTTGAGTTTGTATTAGTTAAAGCTTTATTGTGTTTATCCATGGAA	1498
Qy	1222	GGGTCTGGAACTTAAGTGTACAGAAGCCGATTTGTTCTTCGGAAGAAAGGCAACTC	1281
Db	1499	AGAAATCAACTCAATTTCTGTAGATGAGAAAGATTTGGGAACGAAAGAGCCCTAGAT	1558
Qy	1282	AGGTTGCGTAA---GATGAGAAAGGTGTTGGGAAAAACATCTAGCTGTGGAATGGATCCA	1338
Db	1559	AGAGAAACAGATCTGCTGAGTACAGTACTTATGGGGGGGGGGCGAGGGCGCATATCCA	1618
Qy	1339	TTCAAGTCTAAGTTGTGAGGGAGGGGATGGCATGCAGAGAAATTAGAGAGAAAGTGGG	1398
Db	1619	CTGAGTCCAAAGTACTTTGTTGGGAGAGAAATCCACTGAGTACAAGTACTTGTGGGGGAAGG	1678
Qy	1399	AAATGGGAAGGCTTAAAGTCGTTGGGTTCGGCAGACTGTTGCC-----TGTTGA	1450
Db	1679	AATGGCACAGACAAAGTTTGAAGGGAAGAGAGAAAGATGGAGAGGCCTCAATGTTGGGG	1738
Qy	1451	TGTCATGGGAAGCCACAAATCGGAGCGGTGTGAACCTTCATGCCGTGAACTTTTGAAC	1510
Db	1739	TGTGAAGGTCACTCCTCTTTTTCATGTGTATGGAGATTTAAGAAATCATGTGTGTAGTT	1798
Qy	1511	TATGAAAAAAGTTTGAAGTGGGTGGGCCCGACTTAAAGGCCCTTAGGACTTTACTGAAGAGG	1570
Db	1799	TGATGCTTTACAGACCCCAACTATCGGACAGCTGTGGGAGACCTCGGCATTTAGGGA-AGG	1857

1571 GCTTAATTTTCATGAGATGTTTTATGTACATTTCTTGTCTTAAGCATGCAATTTTCG 1630
Db
1858 CGCGGCTTTTCACACAGAGAACTTTATGCTCACTCTTGTGCTACACTCCACCTTTGAT 1917
Qy
1631 GAGATAGGATGAGGTTTTATCTCTTACAGAAATTCATAGTACTCGCTCTTTCCAC 1690
Db
1918 GAGTTAAGCTCAGGTTTCGTTCT-----ACCGTTCTTGGCTAC 1956
Qy
1691 AAATGCAAACTCAGTAGGATTTCCCAAGATGAAGAGAGGTTCTCTTGAAGGAAGTGA 1750
Db
1957 TGGTGGAACTTCAGTAGGATTTCCCAAGAGAGAGAGAGCTCTTCTGTGAAGGGAGAC 2016
Qy
1751 CTGGAATCTGGCTCCAGGGAATTCAGAGCTCAGGAAATCTAGTCTACTGTTGAAATC 1810
Db
2017 CTGGAATCTGAGTCTCTAGAGAAAGAAATAGCTCAGAGAAATCTAGGTCACAGTGAATCT 2076
Qy
1811 TAGGTCAATTTGGGGCAAAATTAAGAGAGCTTTAAATCCAGAGTGAATTTACTGTACCTC 1870
Db
2077 AGGTCAAGCGGGCAAAATGACTGAACGCTCTATTCAGGTGAACGCTCAGTGCCTC 2136
Qy
1871 CATGGGTGGAGGTTCAATAAGTTTCAGCAACAATTAAGATAGTTATGCTTGTATTG 1930
Db
2137 AGATATACTAGGATTTGGGCTCCCAAGGATAAGATTTCTGTAGTGA-GTCTGCTTTTA 2195
Qy
1931 TTTTATAGCATATTTGAAGGTGATGACCTGCATATCCAGAGGAATGTCGAAAGCTGAAG 1990
Db
2196 TTTTGCAGACATCAGTGGTGAAGCAAGCAATCCAGAGAAATGTCAGAGGCTGAAG 2255
Qy
1991 ACACAGTGAAGGAGTGAAGTGAATCTCAATGCTAAAGTCAATGCAATAGGAGAGACA 2050
Db
2256 AGACAGTGAAGGAGTGAATTTGGCAAGCCACAATAACTAAGCAATTCAGTAGGAGAGCTG 2315
Qy
2051 AATGTTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2110
Db
2316 GGAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2373
Qy
2111 CTACCAACCGGGGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2166
Db
2374 CTACTGCTGGTCCATTAATCTACTTACTAGCTGCACCTGCATCTAGCTGGGTCTATAGATCTT 2433
Qy
2167 GATGTCAGTTTCAAACTTGGCAATTTGAGAAATCTGAAATCTGAACTGGTGGGATCTTAGCTT 2226
Db
2434 TCAATCTGTCTTAAATTTT---GTAAGTCAACAATTTCTGGAGCTAGCAGAAAGCTTAGCTC 2490
Qy
2227 GTCTAGTCAATAAATCTCAGATTTCTGGGATGCTCAGTGCAGAGATAGGGCTAGAATGC 2286
Db
2491 AGCCAGTCTCATGAGCACTTGTGCGAGATGGCTTGCAGAGATCAATGCTAGAGAC 2550
Qy
2287 AGGTCTCTGATTTCCAAAGCAGCACTTTTCCGGTGGTGAACAGATTTAGTTTGGTAC 2346
Db
2551 AGCATCCCTGATTTCCAGCTCTGCAC-TTGGCTAGTGGCCAGTGTAAATTAATTTAGCT 2609
Qy
2347 CATTAATTTCTAGGGAATTTAGATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2406
Db
2610 GATTAAGTATTTGGGAAA---GCCAATTTCCACGCTTCAATAATCCGAGAGAGATGCA 2667
Qy
2407 TTTTAAACACAGAAAATGCTATGGGCAAAATTTATTTGAAGTCAATTTTGAAGTCAATTA 2466
Db
2668 TTGAAAACCTAGAAA---GCTGGGCACAACTTACTAGAGATGAATTTTGAAGCTCAATTA 2723
Qy
2467 TGCAATTTGCTTTGAACTTTGGAAGATAAATCTGAGAACATGAGAAAGAGCTGGACTTGC 2526
Db
2724 ACTGATGCTCTGAAATGATCAAAATCAACCCAGATAACAACAAAGAGCTGGATTTGC 2783
Qy
2527 ATATAGGGTAAATTTCTGGAGTAATAAACACTTAT-----TTTGAATTAATATAATA 2578
Db
2784 AAATAGGACAAGATTTTAGATCACTAGTGTATTAACAGCTGTCTTAAATTAATAATAG 2843
Qy
2579 TCT---ATCAGATTTGATTTAGTTTAAAGCAAGAGAGAGACAC-CCCGATCTCTTTT 2634
Db
2844 TGCTATTTAGCTGCTCTTATTAAGATTTAAACACAGAGTGGATACTTCCCAATTTACTG 2903
Qy
2635 ATACAGGTTCAATAGAGTAAAAAATATTAGTAGAGATTTATTATAGTTAAATGGAAGTC 2694

2904 GGCTGTGTTTCAATAGAGTAAATAATACAGTCATAGATTATTTATAGTGTCAAGAAATA 2963
Qy
2895 TGAATTTGGTAAAGCTTTTCTTCTCTCTCCCATCAAGACCTTCCATTTCTAGTTCTT 2754
Db
2964 TGAGTTGGAAACC---CTTTCTTACTTTTTTACCTTCATTTCTAGTTATTTATTTTTT 3020
Qy
2755 CTTTCACTCCCTCAACAAATCCCTAGGAGCATTTATCCATGTTGGCTGGTGTACATTT 2814
Db
3021 TCTTCAACCTGATCAAGCCACTAGTAGGACCTATCTCTCGGAGCTATTATATGACT 3080
Qy
2815 CTATAGTAATGATAPACCATCATGTGGCTATTTGGTGAAGAAACA--ACAATGGAAGGC 2872
Db
3081 TTACAGCAAAACAATTTGCTGTGGCTCTTTGGGGAAGGAACAGGATAGCAGGAGGC 3140
Qy
2873 TTAGACTAAACA--TAGTGACTCACCCCAACCGGAGGATGATTAGGACAGTGAAGT 2931
Db
3141 TCAGGCTAGCAAGTCTGCACTCAACTAAAGCCAGAGGCAATGTTGATAGCAGAGAAAT 3200
Qy
2932 GACGCTCTT--GCAAGCAGGTACAACTAAATACCTCAGAAACATGAAGGCTCCAGTTGATGG 2990
Db
3201 GAGGCTCTTCAAGTGGGTGCTTAAGTAATCAGAAACAGGAAGGCTCTGGTTGATGG 3260
Qy
2991 AATTTTCACTAAAGCTTAACTTAATTCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3050
Db
3261 AATTTATCAGTAAGATATCTACCTTATCTCC-----TTCTTCTATAGAAGCTAAACCG 3313
Qy
3051 GCGTCTTCTCTGAGCATCATTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3110
Db
3314 TCTCTCTCTTCTGTTGAGTGTAGGCTGATAAACACAGCTTGT--TTCTTTTGTAGTGTCTATGG 3371
Qy
3111 CTTTGTAGTTTAAATTTGTAAGCCAGTCTCTTGTATTATAGAACTATTTATCTAGACATG 3170
Db
3372 CTTTGCAGATTTTCAAGTGTCTGCCAGTCTCTGT--TAGAGGTTTGTTTACCTTGACACC 3429
Qy
3171 GAGGCTGAATTTAGCATGCCACAGCAAGGATGCTTTTACACATCTCTCTTAAAAAAT 3230
Db
3430 TGGGCTTGGATTTAGCATGCCAAAGCCACACACTTCTGATCCCTGTGTAAAGGTTAT 3489
Qy
3231 TACTGATTTCACTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3290
Db
3490 TATTCTTACT-----TTGTCTTTGGAAGGTGAAGTGTGTGTGAGAAAGAACTCA 3541

RESULT 6

US-10-027-532-208140
; Sequence 208140, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-03-29
; PRIOR FILING DATE: 2000-03-29
; PRIOR FILING DATE: 2000-02-24
; PRIOR FILING DATE: 2000-02-24
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-09-28
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208140
; LENGTH: 637

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; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208140

Query Match      12.8%; Score 611.8; DB 13; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGAATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCATA 3347
Db 1 CATGGTGAATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCATA 60

QY 3348 TTTCGAATGGTTCGCCATGTGGAGAGTGATTAATGCTTTTCTGCTAGCTTCAGAAAG 3407
Db 61 TTTCGAATGGTTCGCCATGTGGAGAGTGATTAATGCTTTTCTGCTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTGTTC-A-GAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTGTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 180

QY 3467 CTGCTCAAAATAGGGTGGTTTGGAGGCAATTAATTCCTCTCGTTGGGGGTAAAGCAG 3526
Db 181 CTGCTCAAAATAGGGTGGTTTGGAGGCAATTAATTCCTCTCGTTGGGGGTAAAGCAG 240

QY 3527 AACGCAGGTTGGTAGTAAATGCAATGACACAGACAGTAGGAGCAATAAATTTTAAATTCCT 3586
Db 241 AACGCAGGTTGGTAGTAAATGCAATGACACAGACAGTAGGAGCAATAAATTTTAAATTCCT 300

QY 3587 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 3646
Db 301 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 360

QY 3647 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAGGAGAAAGCAATGATATATATAGA 3706
Db 361 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAGGAGAAAGCAATGATATATATAGA 420

QY 3707 GGCACATGGTGAACAGGTTTTCTTGAATAATGCAAAATATGATAGATTAGAGGAATTC 3766
Db 421 GGCACATGGTGAACAGGTTTTCTTGAATAATGCAAAATATGATAGATTAGAGGAATTC 3886

QY 3887 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTTT 3923
Db 601 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTTT 637
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RESULT 7
US-10-027-632-208141
; Sequence 208141, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/195,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
```

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; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208141
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208141

Query Match      12.8%; Score 611.8; DB 13; Length 637;
Best Local Similarity 99.2%; Pred. No. 5.2e-146;
Matches 632; Conservative 3; Mismatches 0; Indels 2; Gaps 2;

QY 3289 CATGGTGAATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCATA 3347
Db 1 CATGGTGAATCTGTGTGATTTTCAAGACCTTTAATCCA-TTTTGAAGAATCAATTTTCATA 60

QY 3348 TTTCGAATGGTTCGCCATGTGGAGAGTGATTAATGCTTTTCTGCTAGCTTCAGAAAG 3407
Db 61 TTTCGAATGGTTCGCCATGTGGAGAGTGATTAATGCTTTTCTGCTAGCTTCAGAAAG 120

QY 3408 CACAGGAGGAGAGCAATGTTGTTC-A-GAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 3466
Db 121 CACAGGAGGAGAGCAATGTTGTTCATGAGAAAGATCAACAGGAGGAGAACTGTCTAGAG 180

QY 3467 CTGCTCAAAATAGGGTGGTTTGGAGGCAATTAATTCCTCTCGTTGGGGGTAAAGCAG 3526
Db 181 CTGCTCAAAATAGGGTGGTTTGGAGGCAATTAATTCCTCTCGTTGGGGGTAAAGCAG 240

QY 3527 AACGCAGGTTGGTAGTAAATGCAATGACACAGACAGTAGGAGCAATAAATTTTAAATTCCT 3586
Db 241 AACGCAGGTTGGTAGTAAATGCAATGACACAGACAGTAGGAGCAATAAATTTTAAATTCCT 300

QY 3587 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 3646
Db 301 TTATAGCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCCCTTAATGTCAAAAGAA 360

QY 3647 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAGGAGAAAGCAATGATATATATAGA 3706
Db 361 GTATGAAAGGTGAAGGGCGGAGAAAGCAGAGAGGAGAAAGCAATGATATATATAGA 420

QY 3707 GGCACATGGTGAACAGGTTTTCTTGAATAATGCAAAATATGATAGATTAGAGGAATTC 3766
Db 421 GGCACATGGTGAACAGGTTTTCTTGAATAATGCAAAATATGATAGATTAGAGGAATTC 480

QY 3767 AGTAGGGAATGCTTTTTCACCTTGAATTTGGGTTTTCTCTCGATTAAGTTGGGATCCTCA 3826
Db 481 AGTAGGGAATGCTTTTTCACCTTGAATTTGGGTTTTCTCTCGATTAAGTTGGGATCCTCA 540

QY 3827 TCTGCATTTGACTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGTTTTCTATT 3886
Db 541 TCTGCATTTGACTTGGAGAGAGAAAGATGAATGTTAGGACCTATATCTGTTTTCTATT 600

QY 3887 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTTT 3923
Db 601 AACTAAGCAAGTGGAAAGACTTATTTGGTATTTTT 637
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RESULT 8
US-10-027-632-208142
; Sequence 208142, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
```

```

; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/199,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 208142
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208142

```

Query Match	12.8%	Score 611.8	DB 13	Length 637
Best Local Similarity	99.2%	Pred. No. 5.2e-146		
Matches 632	Conservative 3	Mismatches 0	Indels 2	Gaps 2
Qy	3289	CATGGTCATCTGTGTGATTTTCAAGACCTTTAAATCCA-TTTTGGAGAAATCAATTTTCATA	3347	
Dd	1	CATGGTCATCTGTGTGATTTTCAGAGACCTTTATCCATTTTGGAGAAATCAATTTTCATA	60	
Qy	3348	TTTGCATATGGGTTGCCCATGTGGAGAGATGATATGCTTTTGTGCTGTAGCTTCAGAAAG	3407	
Dd	61	TTTGCATATGGGTTGCCCATGTGGAGAGATGATATGCTTTTGTGCTGTAGCTTCAGAAAG	120	
Qy	3408	CACAGGAGGAGACCAATGTTGTTC-CAGAAAGATCAACAGAGGAGAACTGTCAGAG	3466	
Dd	121	CACAGGAGGAGACCAATGTTTTCATGAGAAAGATCAACAGGAGGAGAACTGTCAGAG	180	
Qy	3467	CTGTCCTGAATATAGGCTGGTTTTGGAGGCAATTAATCCCTCTCGTTGGGGTAAAAAGCAG	3526	
Dd	181	CTGTCCTGAATATAGGCTGGTTTTGGAGGCAATTAATCCCTCTGTTGGGGTAAAAAGCAG	240	
Qy	3527	AACGACGTTGGTAGTAATAATGCAATGACACACAGTACGAGGAGCAATAACTTTAAATTTCT	3586	
Dd	241	AACGACGTTGGTAGTAATAATGCAATGACACACAGTACGAGGAGCAATAACTTTAAATTTCT	300	
Qy	3587	TTATAGTCTTTGGAGTCTTTGAGATAGAAAAAGAAATATCTTTTGGCCCTTATGTCAAAGAA	3646	
Dd	301	TTATAGTCTTTGGAGTCTTTGAGATAGAAAAAGAAATATCTTTTGGCCCTTATGTCAAAGAA	360	
Qy	3647	GTATGAAAGGTGAAAGGGCGGAGAAAGCAGGAAAGAGAACCATGTATTATATAGA	3706	
Dd	361	GTATGAAAGGTGAAAGGGCGGAGAAAGCAGGAAAGAGAACCATGTATTATATAGA	420	
Qy	3707	GGACAAATGGTGACAAAGCTTTTCTTGTAATAATGCAAAATATGATAGATTTAGAGGAATTC	3766	
Dd	421	GGACAAATGGTGACAAAGCTTTTCTTGTAATAATGCAAAATATGATAGATTTAGAGGAATTC	480	
Qy	3767	AGTAGGAATATGCTTTTCACTTGAATTTGGGTTTCCCTCTTCGATTTAAGTTGGGAATCTCA	3826	
Dd	481	AGTAGGAATATGCTTTTCACTTGAATTTGGGTTTCCCTCTTCGATTTAAGTTGGGAATCTCA	540	
Qy	3827	TCTGCAATTTGACTTTGGAGAGAGAAAGATGAATGCTTAGGACCTATATCTCGTTTTCTATT	3886	
Dd	541	TCTGCAATTTGACTTTGGAGAGAGAAAGATGAATGCTTAGGACCTATATCTCGTTTTCTATT	600	
Qy	3887	AACATAAGCAAGTGGAAAAACACTATTTGGAATTTTT	3923	
Dd	601	AACATAAGCAAGTGGAAAAACACTATTTGGAATTTTT	637	

RESULT 9
US-10-027-632-208140

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; Sequence 208140, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: Fast-SEQ for Windows version 4.0
; SEQ ID NO 208140
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-208140

```

	Query Match	12.8%	Score 611.8;	DB 14;	Length 637;
	Best Local Similarity	99.2%;	Pred. No. 5.2e-146;		
	Matches 632;	Conservative	3;	Mismatches 0;	Indels 2;
					Gaps 2;
Qy	3289	CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCA- TTTTGAAGAATCAATTTTCATA	3347		
Db	1	CATGGTGATCTGTGTGATTTTCAAGACCTTTAATCCATTTTGAAGAATCAATTTTCATA	60		
Qy	3348	TTTTCGAATGGTTGCCATGTGGAAGAGTGNATTATGCTTTTTCCTGGTAGCTTCAGNAAG	3407		
Db	61	TTTTCGAATGGTTGCCATGTGGAAGAGTGNATTATGCTTTTTCCTGGTAGCTTCAGAAAG	120		
Qy	3408	CACAGGAGGAGAGCAATGTTGTTC- GAGAAAGATCAACAGGAGGAGAACTGTGCAGAG	3466		
Db	121	CACAGGAGGAGAGCAATGTTGTTCATGTAGAAAGATCAACAGGAGGAGAACTGTGCAGAG	180		
Qy	3467	CTGCTCGAATAGGGTGGTTTTCGGAGGCATTAATTCCTCTCGTTGGGGTAAAGCAG	3526		
Db	181	CTGCTCGAATAGGGTGGTTTTCGGAGGCATTAATTCCTCTCTGTTGGGGTAAAGCAG	240		
Qy	3527	AACCGAGGTTGGTAGTAAATGCAACACACAGTAGTAGGGACGATAAACTTTAAAAATTCT	3586		
Db	241	AACCGAGGTTGGTAGTAAATGCAACACAGTAGTAGGGACGATAAACTTTAAAAATTCT	300		
Qy	3587	TTATAGTCTTTGGAGTCTTTTGAGATAGAAAGATATCTTTTTCGCCCTTATGTCAAAAGAA	3646		
Db	301	TTATAGTCTTTGGAGTCTTTTGAGATAGAAAGATATCTTTTTCGCCCTTATGTCAAAAGAA	360		
Qy	3647	GTATGGAAGAGGTGAAGGGCGGAAGAAACGAGAAAGGAAGAACCACTGATTATATAGA	3706		
Db	361	GTATGGAAGAGGTGAAGGGCGGAAGAAACGAGAAAGGAAGAACCACTGATTATATATAGA	420		
Qy	3707	GGACAAATGGTGCACAGGTTTTCTCTGAAATAATGCAAAATATGATATAGATAGAGGAATTC	3766		
Db	421	GGACAAATGGTGCACAGGTTTTCTCTGAAATAATGCAAAATATGATATAGATAGAGGAATTC	480		
Qy	3767	AGTAGGAATGCTTTTTCACCTTGAAATTTGGGTTTTCCCTCCGATTAAAGTTGGGATCTCTCA	3826		
Db	481	AGTAGGAATGCTTTTTCACCTTGAAATTTGGGTTTTCCCTCCGATTAAAGTTGGGATCTCTCA	540		
Qy	3827	TCTGCAATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTATATCTCGTTTTCTATT	3886		
Db	541	TCTGCAATTTGACCTTGGAGAGAGAAAGAAATGAATGTTTAGGACCTATATCTCGTTTTCTATT	600		

FILE REFERENCE: P3530PIC101
CURRENT APPLICATION NUMBER: US/10/230.130
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 243
LENGTH: 1152
TYPE: DNA
ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 5.1%; Score 244; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. NO. 1.8e-51;
Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTTCCTGAGTTAGAAATGCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTTCCTGAGTTAGAAATGCTGCAATG 60
QY 75 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCTCCTC 134
Db 61 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCTCCTC 120
QY 135 CTTCTCTGCCCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 194
Db 121 CTTCTCTGCCCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTATATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTATATGCTGGCTAAG 240
QY 255 GAGG 258
Db 241 GAGG 244

RESULT 15

US-10-230-130-243
Sequence 243, Application US/10230130
Publication No. US20040019183A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3530PIC101
CURRENT APPLICATION NUMBER: US/10/230.130
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 243
LENGTH: 1152
TYPE: DNA
ORGANISM: Homo Sapien
US-10-230-130-243

Query Match 5.1%; Score 244; DB 12; Length 1152;
Best Local Similarity 100.0%; Pred. NO. 1.8e-51;
Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTTCCTGAGTTAGAAATGCTGCAATG 74
Db 1 CTTGAGAACAGGTTCTCTCTCCAGTCACAGTTCCTGAGTTAGAAATGCTGCAATG 60
QY 75 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCTCCTC 134
Db 61 GCGCCCTCGAGAAATCTGTGAGCTCTTCTTATGGGAGACCTGGCCACCACTGCTCCTC 120
QY 135 CTTCTCTGCCCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 194
Db 121 CTTCTCTGCCCCCTCTTGGTACAGGAGGAGAGCTGGCCCATAGCTCCCACTGCAGG 180
QY 195 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTATATGCTGGCTAAG 254
Db 181 CTTGACAAGTCCAACTTCCAGCAGCCCTATATCACCACCGACCTTATATGCTGGCTAAG 240
QY 255 GAGG 258
Db 241 GAGG 244

Search completed: February 11, 2004, 14:11:41
Job time : 1568.02 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 10, 2004, 21:08:20 ; Search time 243.418 Seconds
(without alignments)
8698.281 Million cell updates/sec

Title: US-09-751-797-25

Perfect score: 4797
Sequence: 1 tgcacacagagaattctcag.....gatgcccacagcattttt 4797

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 569378 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
- 2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
- 3: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
- 4: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
- 5: /cgn2_6/prodata/2/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4797	100.0	4797	4	US-09-419-568F-25
2	4797	100.0	4797	4	US-09-354-243B-25
3	686	14.3	7445	3	US-09-178-973B-8
4	686	14.3	7445	4	US-09-419-568F-8
5	686	14.3	7445	4	US-09-354-243B-8
6	650	13.6	5935	3	US-09-178-973B-17
7	650	13.6	5935	4	US-09-419-568F-29
8	650	13.6	5935	4	US-09-354-243B-29
9	258	5.4	690	4	US-09-419-568F-24
10	258	5.4	690	4	US-09-354-243B-24
11	244	5.1	1152	4	US-09-870-574-1
12	127.6	2.7	1111	3	US-09-178-973B-9
13	127.6	2.7	1111	4	US-09-419-568F-9
14	127.6	2.7	1111	4	US-09-354-243B-9
15	126	2.6	1119	3	US-09-178-973B-7
16	126	2.6	1119	4	US-09-419-568F-7
17	126	2.6	1119	4	US-09-354-243B-7
18	124.4	2.6	70000	4	US-09-851-896-3
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25	80.4	1.7	7210	2	US-08-257-963B-10
26	80.4	1.7	7210	4	US-08-367-841A-10
27	80.4	1.7	7210	5	PCT-US95-07201-10

Sequence 4, Appli
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Sequence 2, Appli
Sequence 14, Appl
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Sequence 51, Appl
Sequence 1192, Ap
Sequence 14, Appl
Sequence 380, App
Sequence 19, Appl
Sequence 204, App
Sequence 4, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 32, Appl

ALIGNMENTS

RESULT 1

US-09-419-568F-25
; Sequence 25, Application US/09419568F

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Renauld, Jamila

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa:

; TITLE OF INVENTION: (TIFF) The Proteins Encoded, and Uses Thereof

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

; PRIOR FILING DATE: 1999-10-18

; PRIOR APPLICATION NUMBER: US09/354,243

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: US09/178,973

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 25

; LENGTH: 4797

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

US-09-419-568F-25

Query Match 100.0%; Score 4797; DB 4; Length 4797;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 4797; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TGCACAGCAGATCTTCAGAACAGGTTCTCTCCAGTCACAGTTGCTCGAGTTAG 60

Qy 61 AATTGTCGCAATGGCGCCCTCCAGAAATCTGTAGAGCTTTTCTTATGGGACCCCTGG 120

Db 61 AATTGTCGCAATGGCGCCCTCCAGAAATCTGTAGAGCTTTTCTTATGGGACCCCTGG 120

Qy 121 CCACAGCTGCTCTCTTCTTGGCCCTCTTGGTACAGGAGGAGCAGTGGCCCATCA 180

Db 121 CCACAGCTGCTCTCTTCTTGGCCCTCTTGGTACAGGAGGAGCAGTGGCCCATCA 180

Qy 181 GCTCCCACTCAGGCTTGACAAGTCCAACTTCCAGAGCCCTATATCACCAGCCGACCT 240

Db 181 GCTCCCACTCAGGCTTGACAAGTCCAACTTCCAGAGCCCTATATCACCAGCCGACCT 240

Qy 241 TCATGCTGGTAAAGGAGTATACATCTCAATCTGCTCTTCTCGTGGATCTACTTGA 300

Db 241 TCATGCTGGTAAAGGAGTATACATCTCAATCTGCTCTTCTCGTGGATCTACTTGA 300

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Db	361	TTATCCCTGAGGCTAGATAAAATTTCTCGTTTTTTTTCAGAGACTCTTTTGGGAATCTGGCTTT	420
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Qy	481	CCCAAGAGCGGCATTCAGTAATCCATCTGATGATTTTTTTTTTTCCTTTATGCTCTGTG	540
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Qy	1141	TGTTATCAGGAGTCAATTTGGGATCATAGATATTTGCTTTTTCCTTTGACTGAGTCATC	1200
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Qy	1321	GCTGTGAAATGGATCCATTGAGTCTAAGTTGTTTGGGGAGGGGATGGCATGGAGAGAA	1380
Db	1321	GCTGTGAAATGGATCCATTGAGTCTAAGTTGTTTGGGGAGGGGATGGCATGGAGAGAA	1380
Qy	1381	ATTAGAGAGAAAGTGGGAAATGGGAAAGGCTTAAAGTCGGTGGGTGGCAGACTGTT	1440

Db	1381	ATTAGAAAGAAAGTGGGAAATCGGAAGCGCTTAAAGTCCGTGCTGGTCCGCAGACTGTT	1444
Qy	1441	GCCTGTGTGATGTATCGGGAAGCCACAAATCGAGGCGTGTGAACCTTGATGCCGTGAA	1500
Db	1441	GCCTGTGTGATGTATCGGGAAGCCACAAATCGAGGCGTGTGAACCTTGATGCCGTGAA	1500
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Db	1561	ACTGAAGAGGCGTTAAATTTTTCACATGAGATGTTTTATGTACATTTCTGTCTTAAAGCATG	1620
Qy	1621	CAATTTCTCGAGATACGATGAGGTTTTATTCCTTTACAGAAATTCGATAAACTACTCCG	1680
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Qy	1681	CTCTTTCCACAAATGCAAACTCAGTAGGATTTCCCAAGATCAAGAGAGGCTCTCTGTGA	1740
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Qy	1741	AGGGAAGTACTCGAATTCCTGGCGTCCAAAGGAATTCAGAGCTCAAGAAATCTAGGTCAC	1800
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Qy	1801	TGTTGAAATCTAGTCAATGTGGCGCAAAATTTACTAAGAGCTTTAAATTCAGAGTGAAATGT	1860
Db	1801	TGTTGAAATCTAGTCAATGTGGCGCAAAATTTACTAAGAGCTTTAAATTCAGAGTGAAATGT	1860
Qy	1861	ACTGTACTCTCATGGGTGTGGAGGTTTCATAAAGTTTCAGCACAACTAAGATAGTTATG	1920
Db	1861	ACTGTACTCTCATGGGTGTGGAGGTTTCATAAAGTTTCAGCACAACTAAGATAGTTATG	1920
Qy	1921	CTTGTTATTGTTTTATAGCATATTTGAAGGTGATGACCTGTCATATCCAGAGGATGTCAA	1980
Db	1921	CTTGTTATTGTTTTATAGCATATTTGAAGGTGATGACCTGTCATATCCAGAGGATGTCAA	1980
Qy	1981	AAGCTGAAGGACACAGTGAAAAAGGTAGGACTGATAACTCTCAATGCTAAGTCAATGCAAT	2040
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Qy	2041	AGGAGAGACAAATGTTGTTTTTTCTTCCCTTTCTTTCTTCCCATCACTTTGTGATTTTCA	2100
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Db	2161	TATCTAGATGTCAGTTTTCCAAATCTTGCAAAATTTAGAAATCTAGAACTGGTGGGATCT	2220
Qy	2221	TAGCTTCTCTAGTCACATTAACCTTCAGNATCTGGGATGGTCAGTGGCAGAGATAGGCGTA	2280
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Qy	2281	GAATGCAAGTCTCCTCGAATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTTAGTTT	2340
Db	2281	GAATGCAAGTCTCCTCGAATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTTAGTTT	2340
Qy	2341	TGGTACCATTAATTTCTTAGGGAATTTTCAGATTTCCCTATTGACTCATGTAAATCTGAAGAAG	2400
Db	2341	TGGTACCATTAATTTCTTAGGGAATTTTCAGATTTCCCTATTGACTCATGTAAATCTGAAGAAG	2400
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Db	2401	TACTTGTTTAAAAACAGAAAAATTCGCTATGGCGAAATTTATTTTGAAGTCAATTTTGAAGT	2460
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RESULT 2
US-09-354-243B-25
; Sequence 25 Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIFs)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: JUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 25
; LENGTH: 4797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-25
Query Match 100.0%; Score 4797; DB 4; Length 4797;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4797; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 TGCACAGCAGAACTTTCAGAACAGGTTCTCCTTCCCGAGTCCACCAAGTTGCTCGAGTTAG 60
Qy 61 AATTGTCTGAATGGCGCGCTGAGAAATCTGTGAGCTTTTCCTTATGGGACCCCTG 120
Db 61 AATTGTCTGAATGGCGCGCTGAGAAATCTGTGAGCTTTTCCTTATGGGACCCCTG 120
Qy 121 CCACAGCTGCTCTCTCTGTCGCTCTGTCGCTCTGTCAGAGGAGGAGGAGCTGCGCCATCA 180
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RESULT 3

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US-09-178-973B-8
; Sequence 8, Application US/09178973B
; Patent No. 6274710
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renaud, Jean-Christophe
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; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5443
; CURRENT APPLICATION NUMBER: US/09/178,973B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 8
; LENGTH: 7445
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-178-973B-8
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Query Match 14.3%; Score 686; DB 3; Length 7445;

Best Local Similarity 53.8%; Pred. No. 1.8e-182;

Matches 2644; Conservative 0; Mismatches 1875; Indels 393; Gaps 44;

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4626 TTTTATTTTTCACAGCTTGGAGAGTGGAGAGATCAAGCAATTTGAGAACTGGATTTG 4685
6524 TTTTATTTTTCATAGCTTGGAGAGTGGAGAGATCAAGGCGATTGGGGAACCTGGACCTG 6583
4686 CTGTTATGCTCTCAGAAATGCTGCAATTTGACGAGCAAAAGCTGAAAAATGAATAAC 4745
6584 CTGTTATGCTCTGAGAAATGCTTGTCTGACGAGAGAGAGCTAGAAAACGAAGAAC 6643
4746 TAAACCCCTTCTCCTGTAGAAATAACAAATAGATGCCCCCAAGCGATTTT 4797
6644 TGCTCTTCTGCTCTTCTTAAAAAGAACATAAGATCCCTGAATGGACTTTT 6695

RESULT 4

US-09-419-568F-8

; Sequence 8, Application US/09419568F

; Patent No. 6331613

; GENERAL INFORMATION:

; APPLICANT: Dumoutier, Laure

; APPLICANT: Louth, Jamila

; APPLICANT: Renauld, Jean-Christophe

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa

; FILE REFERENCE: LUD 5543.2

; CURRENT APPLICATION NUMBER: US/09/419,568F

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; PRIOR APPLICATION NUMBER: US09/178,973

; PRIOR FILING DATE: 1998-10-26

; NUMBER OF SEQ ID NOS: 29

; SEQ ID NO 8

; LENGTH: 7445

; TYPE: DNA

; ORGANISM: Mus musculus

; FEATURE:

US-09-419-568P-8

Query Match

Best Local Similarity 14.3%; Score 686; DB 4; Length 7445;

Matches 2644; Conservative 0; Mismatches 1975; Indels 393; Gaps 44;

Qy	29	CTCTCTCCCACTGACAGTGTCTGAGTTAGAAATGTTCTGCAATGCGCGCCCTGAGAA	88
Db	2034	CTCTCTCTCTCACTTATCAACTGTGACACTGTGCGATCTCTGATGGCTGTCTCTCGAA	2093
Qy	89	ATCTGTGAGCTCTTCTCTTATGGGACCTGCGCCACAGCTGCTCTCTCTCTGCGCCT	148
Db	2094	ATCTATGAGTTTCTCTTATGGGACTTTGGCGCCAGCTGCTCTCTCTCTGCGCCT	2153
Qy	149	CTTGGTACAGGAGGAGCTGCGGCCATCTAGCTCCCACTGCGAGCTTTGAACAATGCAA	208
Db	2154	GTGGGCCCCAGGAGGCAATGCGCTGCGCCGTCAACACCCGGTGCAGACTTGAGGTGTC	2213
Qy	209	CTTCCAGAGCCCTATATACCAACCGCACCTTCTGCTGGCTTAAAGGATATACATCTC	268
Db	2214	CTTCCAGAGCCCTATATACCAACCGCACCTTCTGCTGGCTTAAAGGATATACATCTC	2273
Qy	269	AATCTGCTCTTCTCTGTTGATCTACTTGGAAATCCAAATAGTTCTTAAACTTTTCTCA	328
Db	2274	TCCTCTTCTCTCCATACCGCTTGGCAATTTCTCTGAAGCACTTGCACACTCTT	2333
Qy	329	GACATCTCTAAGAGCTTTAGGAACCACTGTTTATCCCTGAGGCTAGATAAATTTCTG	388
Db	2334	CGCTTTATCTCCGAGGCTCTCACTACTATGTTT-----TCTGCTCTTTAGAG	2382
Qy	389	TTTTTTTTCAGAGACTCTTTGGGAATCTGGCTTTTTTTTTTTTCTTGAACTCTTCTCTCCAT	448
Db	2383	ACTCTTTAAGGACTGGCTCTTTTTTCTATTTCTAATTTCAAGGCTCAGGACCACTTCTCTAT	2442
Qy	449	TTTGGCTTTATGATACATAGTAAATTTTCCAAAGAGCGGCACTTCACTAATCTCAT	508
Db	2443	CTTGGCTTTTTCAGACACATATCTGAATTTTATCTACAGAGCGCACTTT--AGAAAGCCA	2500
Qy	509	CTGATGATTTTTTTTTTCTTTATGCTCTGTGCAATGTTCTTAACTCATGCAACATCTG	568
Db	2501	CCCAAGACTGCAATCTTCTTCAATTTCTGTGCTCTTCTGNACTCATCTCTCTTGGC	2560
Qy	569	AATCTGCTTTTATGCTTTATGATGTTGCTCTGGGAGACGGATGGGCACTGCTAT	628
Db	2561	TACTC-----CTGAGACCCCACTGCGGACATACATCTCTAC	2595
Qy	629	GTATAAATTTTTTTTCTATTTGCTCAATGTCCAGACCCCTTGTCTTTCTCTCTCTCCAG	688
Db	2596	TTACAGGCTTTCTTCTCACTCTCTGTGCTCTCTCTGCTCTCTCTCTCTCTCTCTCT	2654
Qy	689	GCTAGCTTGGCTGATACCAACACAGAGCTTCTCTCAATTTGGGAGAACTGTTTCCACGGA	748
Db	2655	GCCAGCTTGCAGATAACAAACACAGAGCTGCGGCTCATCGGGAGAACTGTTTCCAGGA	2714
Qy	749	GTCAGTGTAGCTACAGTTGTGAGAACAGGGCGGTGCGGCTCATGGGTACTTGGGT	808
Db	2715	GTCACTGTAAAGTCTCTCACTGTGATGACAGGGC-----TAGCTCGGAGCT	2761
Qy	809	GGTGGTGTATGATGTTTATGCTTATCCCTTATGACCCCTTCTGTTTCTCTCTCTCTCT	868
Db	2762	GGTGGACCTCTGGGATAG---TCTGAGGTATGACCCCTGCTGTTCTTGTCTCTCTCT	2817
Qy	869	AGATGAGTGAAGCTGCTATCTGATGAAGCAGGTGCTGAATCTTCACTTGAAGAGTGC	928
Db	2818	AGGCTAAGATCAGTGTCTACTGATGAAGCAGGTGCTCACTTCACTTGAAGAGTGC	2877
Qy	929	TGTTCTCTCACTGATGTTCTCCAGCTTATATGAGAGGTTGGTCTCTCTCTCTCTCT	988
Db	2878	TGCT	2937

Qy	989	GGCTCAGCAACAGCGTAAAGCAATGTGTAAATTTAGCTCTCAGCTTACGCTTATGCCCTACCC	1048
Db	2938	AATCAGCAATCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCT	2997
Qy	1049	CTCCTTCCCTCTTCCACAGAGACCCCTTACCCCACTCTCTCTCTCTCTCTCTCTCTCTCT	1108
Db	2998	CTTCTCTCTCTTATTTCCAGTAAGAACCCGAGGTCTCTGCTCTCTCTCTCTCTCTCTCT	3057
Qy	1109	TAACTAGCAGGAAGAAGTGTCTTGGCAGCAGTGTATCAGGAGTCA-----TTTGGG	1161
Db	3058	GGAGGGCTCAGCACCACCACCATCATAGGCCACTTTGAAATAGGTCAAAAGCTTTGGC	3117
Qy	1162	ATCATAGAGTATTTGCTTTTGTCTTGTACTGAGTCAATCTTGTAGTTTATAGTGGTGAATG	1221
Db	3118	TTCAATTTGAGTAATACATTTTGTATGAGTGAAGCTTTATTTGTTTATCCATGAA	3177
Qy	1222	GGGTCTGGAATTAAGTGTACAGAGCCGCAATTTGTTGTCTTCCGGAAGAAAGCACTC	1281
Db	3178	AGAAATCAACTCAAAATTTCTAGGATGAGAAGATGTTGGGAACGAAAAAGGCTAGAT	3237
Qy	1282	A-----GGTTGCGTAAGATGAGAAAGGTGTTGG	1309
Db	3238	AGAGAAACAGATCTGCTGAGTATAGTACTTATGGGGAGACAGGGGCGATATCCACTGA	3297
Qy	1310	GAATAACATCTAGCTGTGGAATGATCCATTTGAGTCTTAAGTGTGTGAGGGAGGGATGG	1369
Db	3298	GTACAAGTACTTGTGGGGAGAGAAATCCACTGAGTACAAGTACTTGTGTCATGGAGATC	3357
Qy	1370	CATCGAGAGAAATTAGAAGAGAAAGTGGGAATGGGAAGCTTAA-----1415	1415
Db	3358	CATGAGTACAAGTACTTGTGGGGAGGGAATGGCACAGACAAAGTTGAAGGGGAAGG	3417
Qy	1416	-----GTGCGTGTGGTCCGCGACACTGTTTCCCTGTGTATGTCATGGGA	1460
Db	3418	AAGATGAGAGGCTCATGTTGGGGTGTGAAAGGTCACTCTCTTTTCCATGTGATGGAG	3477
Qy	1461	AGCCACAAATCGAGCGCTGTGAACTTGTATGCGCGTGAACATTTGAACTATGAAAAA	1520
Db	3478	AGTTAAGAAAAACAGT-GTGTGAGTTTGTGCTTTCAGACACCCCACTATGAAACAT	3536
Qy	1521	AGTTTGTAGTGGAGTGGCCCAAGTAAAGAGGCTTACCTGAAAGAGGCTTAAATTT	1580
Db	3537	ATCCACAGGAGCGGCGAGACTGTGGAGACTGTGGCACTTTAGGA--AGCGCGGCTTT	3594
Qy	1581	CACATGAGTGTTTATGTACATTTCTTGTCTTAAAGCATGCAATTTCTCGAGATAGAT	1640
Db	3595	CACACGAAAACTTTATGCTCATCTTGTGCTACACTCCCACTCTTGTATGAGGTTTCCAGC	3654
Qy	1641	TGAGGTTTATCTCTTACAGAAATTTGCATAAACTACTCTCCGCTCTTTCCAAATGCAAC	1700
Db	3655	TCAGGTTTCTGTTCT-----ACCGTTCTTGTACTGTGTGGAAC	3693
Qy	1701	CTCAGTAGGATTTCCCAAGATGAAGAGGCTCTTTTGAAGGGAAGTGAATGCTG	1760
Db	3694	TTCAAGTAGGATTTCCCAAGAGAGGAGCTCTTCTGTAAGGAGGAGCACTGGATTTCA	3753
Qy	1761	GCCTCCAGGGAATTAAGAGCTCAGAAATCTAGTCACTGTTGAATCTAGTCAATG	1820
Db	3754	GTGCTCTAGAGAACGAAATAGCTCAGAGAAATCTAGGTCAACGTAATCTAGGTCAAGC	3813
Qy	1821	TGGCAAAATTTATTAAGAGCTTTAAATTTCCAGGTGAATTTGACTGTACTCCATGGGTGTG	1880
Db	3814	GGCAAAATTTCACTGAAGGCTCTTATTTCCAGGTGAAGGCTCACTGCTCAGATATAGT	3873
Qy	1881	GAGTTCATAAAGTTTTCAGCAACATTAAGATAGTATGCTTGTATTTTATAGCA	1940
Db	3874	AGTATTTGGGCTCCACCGGATTAAGATTTCTGTTAGTGA-GTCTGCTTTTATTTTTCAGCA	3932
Qy	1941	TATTTGAAGGTGATGACCTGCATATCCAGAGGAATGTCAAAAAGCTGAAGACACAGTGA	2000
Db	3933	CATCAGCGGTGAACGACAGCAACATCCAGAAAGATGTCAGAAAGGCTGAAGGAGACAGTGA	3992

QY 2001 AAAGGTAGGACTGATACCTGTCAATGCTAAGTCAATGCTAGTACGAGACAAAATGTTGTTT 2060
Db 3993 AAAGGTACTATTGGCAAGCCACAATACTAAGCCATTCAAGTAG--GAGACGTGGGATTTC 4050
QY 2061 TTCTTTCTCTTCTTCTTCTTCCCATCACTTTGTGATTTTTCATCTTGATTTCTCCACACAG 2120
Db 4051 TTCTCTGCTTCCAGTCCCTTCTACTTTTGTAAATTTTATTTGACTGTGCTACTATCTG 4110
QY 2121 GGCATTA---CTTTGGTGTCTGTGATGTAGATATATCTATATATCTAGATGTCAGTT 2176
Db 4111 GTCCATTACTGCTTACTGCACTGTATCTAGTGGTCTATAGATCTTCAATCTGTG 4170
QY 2177 TCCAAATCTTGCAAAATGTAGAAATCTAGAACTGTGTTGGATCTTAGCTGTCTAGTCA 2236
Db 4171 TCTAAATTT---GTAAGTCAAAATCTTGGAGCTAGCAGAAAGCTTAGCTCAGCCAGTCTC 4227
QY 2237 ATAACCTCAGATTCTCGGGATGGTCACTGCGCAGATAGGGCTAGAGTCAGGTCTCCCTG 2296
Db 4228 ATGAGCACTTGTCTCGGAGATGGCTTGTGACAGATCAATGCTTAGAAGACAGATCCCTG 4287
QY 2297 AATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTAGTTTGGTACCAATTAATTTCT 2356
Db 4288 ATTCCCAAGCTCTGCAC--TTGCTAGTGGCCATGTGTAAATTAATTTGGCTTGAATTAAGTAT 4346
QY 2357 TAGGGAATTTCAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 2416
Db 4347 TTGGGAAA--GCCAGTTCCCAAGGACCTCATTAATCTGAAGAACCATGCAATTCGAAACTA 4404
QY 2417 GAAAAATGCCATATGGGCAAAATTTATTTGAAAGTCAATTTTGAAGTCAATTAATGCAATTTGCTT 2476
Db 4405 GAAA---GCTGGGCACAACTTACTAGATGATTTTTCAGCTCATTAACCGATGCTC 4460
QY 2477 TGAACCTTGGNAGATTAACCTCAGAACATGAGAAAGAGCTGCACTTGCATATAGGGCT 2536
Db 4461 TGAATGTGGCAAAATCAACCCAGATTAACAACAAAGAGCTGGATTGCAAAATGGACA 4520
QY 2537 AATTTCTGGA-----GTAAATAACACTTATTTTGAATTAATCATATAATCTATCAGATA 2589
Db 4521 AGTATTAGAACTACTGGTATTANTAGCTATCATCTTAATTAATAATAGGGCTATATA 4580
QY 2590 TTGATTATAGTTTAAAGCAGAGCAGACAAACC--CGATCTCTTTTATACAGTTCAAAAT 2648
Db 4581 TATATTAAAGATTAAACACAGAGTGGATGCTCCCAATTTACTTTGGCTGGTTTCAAA 4640
QY 2649 AGAGTAAATATTAGTAAGAGATTATTTAGTTAAATGGAAGTCTGTAATTCGTAGCT 2708
Db 4641 AGAGTAAATATTCACTCATGGATTAAATATAGTCTATGAAGATAGATGGAACCC 4700
QY 2709 TTTTCTTCTCTCTCTCCCATCAAGACCTTCCATCTAGTTTCTTCTTCTTCTTCTTCTTCT 2768
Db 4701 TTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 4752
QY 2769 ACAATCCCTAGGAGGATTTATCCATGGTGGCTGGTGTACATTTCTATAGTGAATGAT 2828
Db 4753 TCAAGCAGTATGTAAGCACCTTCTGCTGTAGCTATTATATAGCTTTTACAGCAAAAC 4812
QY 2829 ACCATCATGTGGCCCTATTGTGTAAGAAAGACA--ACAATGGAAGGCTTAGACTAAACAATA 2886
Db 4813 ATTGCTGTGGCCCTCTTTGGGGAAGGGAACAGGATAGCAGGAGCTCAGGCTAGCAAGT 4872
QY 2887 GTGACTACCCCAAAACCGGAGGATGATTAGGAGCAGTGAAGTGAAGTCTT--GCAAG 2945
Db 4873 CTGACTTGGCCCTTAAGCCAGAGGATGGTTGATAGCAGAGAAAGTGAAGGCTCTTCGCAAG 4932
QY 2946 CAGGTACAACTAAATACTCAGAAACATGAAGGCTCCAGTTTGAATGGAATTTTCAAGTAAACA 3005
Db 4933 TGGGTGTCTTAAGTAATCAGAAACAGAGGCTCCGGTTGATGGATATATAGTAAAT 4992
QY 3006 GCTTAACTTAATTTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3065
Db 4993 ATCTACCCCTTATCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 5042
QY 3066 CATCAATTAATGAGTGTGACTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3125

Db 5043 TGTAGGCTGATAAACAACACTTGT--TTCTTTGAGTGTTCATGCTTTGTAGATTTTTTA 5100
QY 3126 TTGTGAAGCCAGTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3185
Db 5101 GTGCTCTGCCAGTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 5158
QY 3186 GCATGCCACACACAAGGCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3245
Db 5159 GCATGCCAAAGGCAACAACCTTCTGAAATGCTGTGTAAGGTTATTTATTTCACTTACT-- 5215
QY 3246 GCTTGTCTCTTTTGAAGAGTGAAGTGTGAGAGAGAGAAATCTCATGGTGA----- 3286
Db 5216 ---TTGCTTTTGAAGAGTGAAGTGTGAGAGAGAGAACTCACAGGAGATGTGTCT 5270
QY 3297 ---TCTGTGTGATTTTCAAGACCTTTAAATCCATTTTGAAGAGATCAAT 3342
Db 5271 CTGTAGGAAACTTTTTCCTTAAATGCTTAAATCCACTTTTCACTCAAC---TT 5327
QY 3343 TCATATTTGCAATGGTTGCCATGTGAAGAGTGAATATGCTTTTTCGTGTAGTTCA 3402
Db 5328 TGACTTTTATACCATGCTGTCAATGAAGAGTGTTTAGGCCGCTCTCATGGCTCTGGG 5387
QY 3403 GAAAGCA--CAGAGGGAGAGCAATGTTTTCAGAGAAAGATCAACAGAGAGAGAACTGT 3461
Db 5388 AAAAGCAATATAGGGAGGAATGTTATGCTGAGAAATCTGACCGGAGGGAACCTGGT 5447
QY 3462 CAGAGCTCTCTGAAATAGGGTGGTTTGGGAGGCAATTAATTCCTCTCTGTTGGGGTAAA 3521
Db 5448 CAGAGCTCCCCGGAAGCA-----CCACAGGTGTTAAGTAGG 5485
QY 3522 AGCAAGACGAGTGTGTAGTAAAT--GCATGACAGACAGTAGGGGAGGATAAACTTTAA 3580
Db 5486 AACATGTCAGGGTGGGCTCATGTAATAGAAATGGAACAGAGCGAGGGAAGATAAGCTACA 5545
QY 3581 AATCTTTATAGTCTTGGAGTCTTTGAGATAGAAAGAAATATCTTTTGGCTTATGTCA 3640
Db 5546 AGTTTCAAGGTC--CGAGTCTTAAAGATACAAATAGCTGC--TTGGGCTTCAACA 5602
QY 3641 AAAGAGTATGGAAGG-----TGAAGGGGGAGAGAAAGAGAGGAAAGAGAG 3688
Db 5603 AAGGAAGTCTGGGAAGGCAAGTGAAGGGAATGGAAGGGAAGAAACAGAAATGTAG 5662
QY 3689 AACCATGTATTATATAGAGGCAATGTTGACAAAGTCTTCTTCAAAATATGCAAAATG 3748
Db 5663 AGGACTTGAACAGCTAATAATCTCTACCAAGCAATTTCTTGGAAATCTAGAGGT 5722
QY 3749 ATAGATTAGAGGAATTTCACTAGGGAATGCTTTTCACTTGAATTTGGGTTTCTCT--T 3805
Db 5723 AGTGGATTAGGTGATTGCAAGGAGCTTGTCTTGCCATTTGAACTCTGGGTTTGTCTCT 5782
QY 3806 CGATTAACTTTGGGATCCCTCATCTGCAATTTGACT--TGAGAGAGAGAAAGATGATGT 3861
Db 5783 CAATTGAGGTTGAAGGCTTCACTTTCACCTCGAATGGAGGAGGAAAGAGGGGTGT 5842
QY 3862 TAGGACCTTATATCTGGTTTCTTATTAACTAAAGCAAGTGAAGAAAGACTTATTTGGTATTT 3921
Db 5843 TATGACTCTCTCTTGGAGTTTACTAGTTTACGCAATGGAACACACACTCGGACCTCTCT 5902
QY 3922 TTCCCAAGAAAGTGAAGAACTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3981
Db 5903 CTTGCAAAAAAATGGAACCTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 5962
QY 3982 CTTAATGTATTGTTGAATACATGTTCAAAAGTCAATTTGAGTAGAGATGTTTTAAATCAG 4041
Db 5963 AGGCAAGCCCGACCACTAGGTTGAATGTGGTCTTTTGTCTCAAGCTTTTGTAGTTGAG 6022
QY 4042 GAGTGTCAATTCATTTGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 4101
Db 6023 CACTCATCAATAGTT-----GATCATGTGTGAGTGGAGGCG 6058
QY 4102 AAAATACAGAAACAATAGCTGATGAGCTTAAAGTCCATGCAATAAATCTCATACTGTT 4161

Db 476 GTGGCCCGCAGGAGCAATGGCTGGCCCATCAACACCCGGTGAAGCTTGAGGTGCCAA 535
Qy 209 CTTCCAGCAGCCCTATATACCAACCGCACCTTCCATGCTGGCTAAGGAGGTATACATCTC 268
Db 536 CTTCCAGCAGCCGTACATCTGTCACCCGCACTTTATGCTGGCCAGGAGGTACAGTGC 595
Qy 269 AATCCTGCTCTTCTCGTTGATCTACTTGGAAATCCAAATAGTCTTAAATTTCTTCA 328
Db 596 TCTCTTTCTCTCCATACCGCCTTGCCATTTCTCTGAAGCACTTGCAAACTCTTTAGGGC 655
Qy 329 GAGCATCTTAAGAGCTTTAGGACCCACCTGTTTATCCCTGAGGAGTAAATTTCTG 388
Db 656 GCTTTATCTCCGAGGTCTCACTACCTATGTTTCTGCT- - - - -CTTTAGAG 703
Qy 389 TTTTTCAGAGACTCTTTGGGAATCTGGCTTTTCTTTTCTTGAATCTTCTCTCCAT 448
Db 704 ACTCTTTAAGGACTTGGATCTTTTCTATTTCTATTTCAAGGTCTCAGGACCACTTCTAT 763
Qy 449 TTTGSCCTTTATGATACATATGATGATTTTCCCAAGAGCGCCATTCAGTAATCCAT 508
Db 764 CTTGGCCTTCAGGACATATATGAAATTTATCTACAGAGCGCGT- - - - -AGAAAGCCA 821
Qy 509 CTGATGATTTTCTTATGCTCTGTCATTTCTTAACTCATGACACATCTG 568
Db 822 CCCAGACTGCAATCTTCCATCTGTTGCTCTCTCTGAACTCACTACTCTCTTGGC 881
Qy 569 AATCTGCTTTAGTCTTTATGATGTTGCTCTGGGAGACGGATGGGCAATGCTAT 628
Db 882 TACTC- - - - -CTGAGACCCACTGGGACATACATCTCTAC 916
Qy 629 GTATAAATTTTCTATTTGCTCAATGTCAGACCTTAGTCTTTCTTCTCTCTCCAG 688
Db 917 TTAAGGCTTTCTTCCATCTCTGTCACCCAGGACTTAGGGTTTC- - - - -TCTTTTCAG 975
Qy 689 GCTAGCTTGGCTATACACACAGAGCTTGGTCTCAATGGGAGAACTGTTCCACGGA 748
Db 976 GCCAGCCTTCAGATAACACACAGAGCTCGGCTCATCGGGAGAACTGTTCCGAGGA 1035
Qy 749 GTCACTGTAAGCTACAGTGTGACGAAACAGGCGGTGCGCTCCATGGGTACTTGGGT 808
Db 1036 GTCACTGTAAGCTCTCACTGATGAGAGGCG- - - - -TAGCTGGGAGCT 1082
Qy 809 GGTGGTGAATGTTTGTAGTCTTATCCCTATGACCCCTTCTGTTTCCCTCCACCTGC 868
Db 1083 GGTGGAACCTCTGGAGTAG- - - - -TCTGAGTATGACCCCTGCTCTTCTTCTACTGC 1138
Qy 869 AGATGAGTGGCTGCTATCTGATGAGCAGGTGCTGAATCTCACCTTGAAGAAGTGC 928
Db 1139 AGGCTAAGGATCAGTCTTACCTGATGAGCAGGTGCTCACTCACCCCTGGAGACATTC 1198
Qy 929 TGTTCCCTCAATCTGATAGTTCCAGCCTTATATGACAGGAGTGGTGCCCTTCTGGCCA 988
Db 1199 TGCTCCCCAGTCAAGAGGTTCCGGCCCTACATGACAGGAGTGGTGCTTTCTTGACCA 1258
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Db 1259 AACTCAGCAATCAGTCTCAGTCTGTTAAGTCTGGCTCTGGTACCTATGCTCTCTCT 1318
Qy 1049 CTCCTCTCCCTCCACAGAGACCCCTTACCCCACTCTCTCTCTCTCCCTTCCCTACCC 1108
Db 1319 CTTCTCTCTTATTCAGTAGAACCCAGGCTCTGCGCTCTCTCTCTTCAAGAGTGA 1378
Qy 1109 TAAGCTAGCAGGAAGAGTCTTGGCAGCAGTGTATCAGGAGTCA- - - - -TTTGGG 1161
Db 1379 GGAGGGCTCAGCACCCACCACTCATAGGCACTTGAATAGTCAAAAGCTTTGGC 1438
Qy 1162 ATCATAGAGTATTTGCTTTTCTTGTACTGATGATCAGATCTTGTAGTTTATAGTGTGATG 1221
Db 1439 TTTCAATGAGTAATCTTGTGTTGATTTAGTTTAACTTTATTTGTTTATCCATGGAA 1498
Qy 1222 GGTGCTCGAACTTAAGTGTACAGAGCCGCTTGTGTTGCTTCCGAAAAAGGCAACTC 1281

Db 1499 AGAAATCAACTCAATCTGTAGGATGAGAAAGATGTTGGGAACGAAAAAGCGCTAGAT 1558
Qy 1282 AGTTTGGCTAA- - -GATGAGAAAGGTGTGTTGGAAACATCTAGCTGTGGAATGGATCCA 1338
Db 1559 AGAGAAACAGATCTGCTGAGTACAGTACTTATGGGGGGGGGGGAGGGCGGATATCCA 1618
Qy 1339 TTGAGTCTAAGTGTGTGAGGGGAGGGATGGCATGGAGAGAAATTTAGAGAGAAAGTGGG 1398
Db 1619 CTGAGTCCAACTACTTGTGGGAGAGAAATCCACTGAGTACAAGTACTTGTGGGGGAAGG 1678
Qy 1399 AATGGGAAGGCTTAAAGTGGTGGTGGTGGGCTGTCAGACTGTTGCC- - - - -TGTGA 1450
Db 1679 AATGCCACAGAGCAAAAGTTGAGGGAAAGAGGAAGATGGAGAGCCCTCAATGTTGGGG 1738
Qy 1451 TGTCAATGGGAAGCCACAAAATCGAGGCGGTGTAACCTTGATGCGCGCTGAAACATTTGAAAC 1510
Db 1739 TGTGAAGGTCACCTCTTTTCCATGTGATGGAGATTAAGAAAAATCAGTGTGTGAGTT 1798
Qy 1511 TATGAAAAAAGTTTGTGAGTGGGCTGGCCAGTAAAGGCCCTTAGGACTTACTGAAAGG 1570
Db 1799 TGATGCTTTCAGACACCCCAACTATGGCAGACTGTGGAGACCTGGGCATTTAGGGA- - - - -AGG 1857
Qy 1571 GCTTAATTTTCACTATGAGATGTTTATGTACATTTCTTGTCTTAAAGCATGCAATTTCTG 1630
Db 1858 CGGCGCTTTTCAACAGAGAACTTTATGCTCATCTCTTGTCTACTCCACCTTTGAT 1917
Qy 1631 GAGATACAGTTGAGGTTTATCTCTTACAGAAATTTGATATAAACTACTCCGCTCTTTCAC 1690
Db 1918 GAGGTTAAGCTCAGGTTTCTGTTCT- - - - -ACCGTTCTTGTCTAC 1956
Qy 1691 AAATCAAACTCAGTAGGATTTCCAAAGATGAAGAGAGTCTCTTGTAAAGGAAGTGA 1750
Db 1957 TGGTGAACCTTCAGTAGGATTTCCCAAGACGAGGACAGCTCTTCTGTAAAGGAGGAG 2016
Qy 1751 CTGGATCTGGGCTCCAGGAAATTCAGAGCTCAGGAAATCTAGGCTACTGTTTGAATC 1810
Db 2017 CTGATTTTCACTGCTCTAGAGAACGAAATAGCTCAGAGAACTTAGGCTCAACGCTGAAATCT 2076
Qy 1811 TAGGTCATTTGGGCAAAATTTACTAAGAGCTTTAATCCAGGTGAAATGTTACTTACTCTC 1870
Db 2077 AGGTCACAGCGGCAAAATGACTGAACGCTCTATTCCAGGTGAAGCTCAGCTGCTC 2136
Qy 1871 CATGGGTGGAGGTTCAATAAGTTTCAGCAACAATTAAGATAGTTATGCTGTTATTG 1930
Db 2137 AGATATCTGAGGTATTTGGGCTCCACCGGATAAGATCTGTTAGTGA- - - - -GTCGCTTTTA 2195
Qy 1931 TTTTATACATATTTGAAGTCACTGATGCTGATATCCAGAGAAATGTCAAAGCTGAGG 1990
Db 2196 TTTTGCAGCATCATGCTGTCAGCAGCAACATCCAGAGAAATGTCAGAGGCTGAGG 2255
Qy 1991 ACACAGTCAAAAAGGTAGGACTGATACTGTAATGCTAAGTCAATGCAATAGGAGAGACA 2050
Db 2256 AGACAGTCAAAAAGGTACTATTGGCAAGCCACATCTAAGCCATTAGTAGGAGAGCTG 2315
Qy 2051 AATGTTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2110
Db 2316 GGGATTTCTTCTCTGCTTCTGCTCT- - - - -CTTCTTCTTCTTCTTCTTCTTCTTCT 2373
Qy 2111 CTACCACAGGCGGCT- - - - -ACTTGGTCTGCTGATGATATATATATATATATATAT 2166
Db 2374 CTACTGCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 2433
Qy 2167 GATGTCAGTTTCCAAATCTTGCAAATTTGTAATTTCTAGAACTGGTGGGATCTTAGCTT 2226
Db 2434 TCAATCTGTCTAAATTT- - - - -GTAAAGTCAAAATTTCTGGAGTACGAGAAAGCTTAGCTC 2490
Qy 2227 GTCTAGTCACATAACCTCAGATTTCTGGGATGGTCAAGTGGCAGAGATAGGCTAGAAAGC 2286
Db 2491 AGCCAGTCTCATGAGCACTTCTCTCGAGGATGGCTGTGACAGAGTCAATGCTTAGAGAC 2550
Qy 2287 AGGCTCTCTGAATCCCAAGCCAGCACTTTTCCCGGTGGTGATACAGATTTAGTTTGGTAC 2346
Db 2551 AGCATCCCTGATTTCCAGCTCTGCAC- - - - -TTGCTAGTGGCCACGTTAATTTACTTTAGCT 2609

Qy	809	GGTGGTGATGATGGTTTTAGGTCTTATCCCTTATGACCCCTTCTGTGTTCCCTTCCACCTGC	868
Db	1083	GGTGGACCCCTCTGGGATAG----TCTGACGTATGACCCCTGCTGCTTCTGTCTACCTGC	1138
Qy	869	AGATGAGTGAGCGCTGCTATCTGATGAAGCAGGTCCTGAACCTTCCACCTTTGAAGAAGTGC	928
Db	1139	AGGCTAAGGATCAGTGTACTCTGATGAAGCAGGTGCTCACTTCCACCTCGAAGACATTC	1198
Qy	929	TGTTCCCTCAATCTGATAGGTTTCAGGCTTATATGACGAGGTGGTGCCTTCTCTGCGCA	988
Db	1199	TGTCCTCCCACTCAGACAGGTTCCGGCCCTACATGACGAGGTGGTGCCTTCTCTGACCA	1258
Qy	989	GGCTCAGCAACAGCGCTAAGCACATGTGTAAAGTTCAGGCTTCAGGCTATGCCACCTACCC	1048
Db	1259	AACTCAGCAATCAGCTCAGCTCTCTGTGTAGTCTGGCTCTGGCTACCTATGCTCTCTCT	1318
Qy	1049	CTCCTTCCCTCTTCCACAGAGACCCCTTACCCCAACTCTCTCTCTCTTCCCTTACCCC	1108
Db	1319	CTTCCTCTTCTATTCCAGTAAGAACCCGAGGTCTGCCCCTCTCTCTCTTTCACAGAGTGA	1378
Qy	1109	TAACTAGCAGGAAGAAGTCTCTTGGCAGCAGTGTATTCAGGAGTCA-----TTTGGG	1161
Db	1379	GGAGGCTCTAGCACCCACCACCATCATAGGCCACTTGAAATAGTGCACAAGGCTTTGGC	1438
Qy	1162	ATCATAGAGTATTTGCTTTTCTTTGCTTGTACTGTAGTCACATCTTTTGATTTATAGTGGTGAATG	1221
Db	1439	TTCAATTGAGTAACTTTGAGTTTGTATTAGTTAAAGCTTTATTGTTTATTCATCGAA	1498
Qy	1222	GGGTCTGGAACCTTAAAGTGTACAGAAAGCGCATGCTTGTCTTCGGAAGAAAGGCAACTC	1281
Db	1499	AGAAATCAACTCAATTTCTGTAGATGAGAAAGATGTTGGAAACGAAATAAGGCTAGAT	1558
Qy	1282	AGGTTTGGGTAA--GATGAGAAAGGTGTTGGGAAAAATCATGTGCTGTGGAAATGGATCCA	1338
Db	1559	AGAAAAACAGATCTGCTCAGTACAGTACTTATGCGGGGGGGGCGAGCGGCGCATATCCA	1618
Qy	1339	TTGAGTCTTAAGTCTGTGAGGGGAGGGATGGCATGGAGAGAAATTAGAAGAGAAAGTGGG	1398
Db	1619	CTGAGTCCAGTACTTGTGTGGAGAGAAATCCATCTGAGTCAAGTACTTGTGGGGGAAGG	1678
Qy	1399	AAATGGGAAGGCTTAAAGTCGGTGGTGGGTCGGCAGACTGTTGCC-----TGTGA	1450
Db	1679	AATGGCACAGACAAAAGTTGAAGGGAAGAGGAAAGATGGAGAGGCTCAATGTTGGGGG	1738
Qy	1451	TGTCATGGGAAGCCACAAAATCGAGGCGTGTGAACTTGATGCCGCTGAACATTTGAAC	1510
Db	1739	TGTGAAGGTCACTCTTTTTCATGTGATGGAGAGTTAAGAAAATCAGTGTGTGATTT	1798
Qy	1511	TATGAAAAAAGTTTGATGTGGATGGGCCCAAGTAAAAAGGCCCTAGGACTTACTGAAGAGG	1570
Db	1799	TGATGCTTTCAGACACCCCACTATGGCAGACTGTGGGAGACCTGGCATTTAGGCA--AGG	1857
Qy	1571	GCTTAATTTTACATGAGATGTTTTATGTAGTACATTTCTTGTCTTAAGCATGCAATTTTCTG	1630
Db	1858	CGCGCTTTTTCACACGAAACTTTATGCTCATCTCTTGTGCTACATCCACCTTTGAT	1917
Qy	1631	GAGATACGATTTAGGTTTTATTCCTTACAGAAATTTGCATAAATACTCCGCTCTTTCCAC	1690
Db	1918	GAGGTTAAGCTCAGGTTTCGTTTCT-----ACCGTTCTTGTCTAC	1956
Qy	1691	AAATGCAAACTCAGTAGGATTTCCCAAGATGAAGAGAGGTCTCTTGTAAAGGAAGTGA	1750
Db	1957	TGGTGGAAACTTTCAGTAGGATTTCCCAAGACGAGGACAGCTCTCTGTGAAGGGAGGAC	2016
Qy	1751	CTGGATTCCTGGCGTCCAAGGAAATTCAGAGCTCAGGAAATCTTAGGTCACTGTTGAAATC	1810
Db	2017	CTGGATTTCACTGTCTTAGAAGACGAAATAGCTCAGAGAACTAGGTCAACGTGAATCT	2076
Qy	1811	TAGTCACTTGTGGGCAAAATTAAGAGCTTTAATTCACAGTGAATGTACTGTACTCTC	1870
Db	2077	AGGTCACACGGGGCAAAATCACTGAACCCCTCTATTCCAGGTGAACGCTCACTGCTC	2136

QY	1871	CATGGGTGGAGGTT	CATAAAGTTT	CAGCACAACATTAAGATAGTATGCTTGTATTG	1931
DB	2137	AGATATACTCAGGTAT	TGGGCTCCCACCGGAT	AAGATTTCTGTAGTGA- GTCTGCTTTTA	2195
QY	1931	TTTTATAGCATATT	GAAGGTGATGAC	TGCTGCATATCCAGAGGAATGTGCAAAAGCTGAAGG	1990
DB	2196	TTTTGCAGCACAT	CAGTGGTGACGAC	CAGAAACATCCAGAAGAATGTCCAGAAGGCTGAAGG	2255
QY	1991	ACACAGTGAAGGTAAGG	ACTGATTA	CTGTAAGTCAATGCATAGGAGAGACA	2050
DB	2256	AGACAGTGAAGGTAAGG	ACTATTGGCAGCCACA	ATACTAAGCCATTCAGTAGGAGACGTG	2315
QY	2051	AAUGTTGTTTTCTT	CTCTTCTTCCATCTCCAT	CTCTTGGATTTTTCATCTGATTCCTC	2110
DB	2316	GGGATTTCTTCT	CTGCTCCAGTCTT-CTTCTACTTTGT	TAACAITTTCTTTGACTTGT	2373
QY	2111	CTACCACGAGGCGAT	----ACTTTGGTGTCTGT	GTATAGATATCTATATATCTA	2166
DB	2374	CTACTGTCTGTCCAT	TACTACTCTAGCTGCAC	CTGTCATCTAGCTGGGTCTATAGATCTTT	2433
QY	2167	GATGTGAGTTTCCAAAT	CTTTCGAAATTTGTAGAAT	CTTAGAACCTGGTTGGGATCTTAGCTT	2226
DB	2434	TCAATCTGTCTTAAAT	TTTT---GTAACTCAATTTCTGGAGCT	ATAGCAGAAGCTTAGCTC	2490
QY	2227	GTCTAGTCAACATA	CACTCAGATTTCTGGGAT	TGCTAGTGCAGAGATAGGGCTAGAAATGC	2286
DB	2491	AGCCAGTCTCAT	GACACTTGTCTGGAGGAT	TGGCTTGACAGAGTCAATGCTAGAAAGC	2550
QY	2287	AGTCTCTCTGAA	TCCCAAGCAGGAC	CTTTTCCGGTGGTGATACAGATTAGTATTGTTGGTAC	2346
DB	2551	AGCATCCTCAT	TCCCAGCTCTGCAC- TTGCCTAGTGGCC	CAGGTAAATTTACTTTAGCTTAA	2609
QY	2347	CATTAAATCTTTAGG	AAATTTTCAGATTCCTATTGAC	TCACTGATCAATCTGAAAGAAGTACTTGTG	2406
DB	2610	GATTTAGTATTTGG	AAA--GCCAATTTCCCACCGAC	CTACATTAATCCGAAGACATGCA	2667
QY	2407	TTTAAAAACGAAAA	ATGCCTATGGGCAAAATTTATTTGAAAG	CTCAATTTTGAAGTCAATTA	2466
DB	2668	TTGAAAACTAGAA- ---GCTGGGCA	CAAACTTTACTAGAGAT	GATTTTTTGAGCTCAATTA	2723
QY	2467	TGCATTGCTTTGAA	ACTTTGGAAGAAATAAACTCAGAA	CAATAGAAAAAGAGCTGGACTTGC	2526
DB	2724	ACTGATGCTCTGAA	ATGATGATCAATCAACCCAGAT	ATACAAACAAGAGCTGGATTGC	2783
QY	2527	ATATAGGGCTAA	TTTCTGGAGTAA	TAAACACTTAT-----TTTGAATATTCATAA	2578
DB	2784	AAA	TAGGACAAGTATTTAGAA	TCACTGGTATTAACAGCTGCATCTTAATTAATAATATAG	2843
QY	2579	TCT---ATCAGAT	TATTCATATGTTTAAAGCAAGCAGACAAC-CCCGATCTCTTTT	2634	
DB	2844	TGTCTATTTAGCT	GCCTATTTAGATTTAAACA	CAAGAGTGGATTAACCTTCCCAATTTACTG	2903
QY	2635	ATACAGGTTTCAA	ATPAGAGTAAAAATATTAGTAAGAGAT	TTTATTAGTAAATGGAGTGC	2694
DB	2904	GGCCTGGTTCAAT	PAGAGTAAAAATATCAGTCA	TAGATTAATTTATAGTGCATGAAAGTA	2963
QY	2695	TGAATGGT	TAAGCTTTTTTTTCTTCTCTCTCCCA	TCAAGACCTTCAATCTCTAGTTCCTT	2754
DB	2964	TGAGTTGGAA	ACC---CTTTCTTACTTTTTTACCTTCATTTCTTAGTATTA	TTTTTTTTTTT	3020
QY	2755	CTTTCACTCCCT	CAACAAATCCCTPAGGAGCATTTATCCAT	TGTGGCTGGTGTACATTT	2814
DB	3021	TCTTCA	CACTGATCAAGCCACTAGTAAGCA	CTTATCTGCTGGAGCTTATATGACT	3080
QY	2815	CTATAGTGAAT	TGATPACCATCATGTGGCTATTTGGT	GAAAGACA--ACAATGGAAGGC	2872
DB	3081	TTACAGCAAA	CAACATTTGCTGTGTGGCTCTTTTGGGAAAGG	CAACAGATAGCAGGAGGC	3140
QY	2873	TTAGACTCA	AA--TAGTGA	CTCACTCCCAACCGAGGAAATGATTTAGGACAGTGAAGT	2931
DB	3141	TCAGGCTAGCA	AGTCTCGGACTTAACCTTAAGCC	AGAGCGATGGTTGATAGCAGAGAAAGT	3200
QY	2932	GACGCTCTT- GCAAG	CAGGTAACACTAAATATCTCAGAAA	CATGAAGGCTCCAGTTGATGG	2990

Db 3201 GAGGCTCTTCAAGTGGGTGCTTAAAGTAATCAGAAACAGGAGGCTCTGGTTGATGG 3260
Qy 2991 AATTTTCAGTAACAAGCTTAACCTTAATTCCTCCCTTTTCCCTCTTGACTTTTAAATAA 3050
Db 3261 AATTAACAGTAAGATATCTACCTTATCTCC-----TTCCTTATAGAACTAAACGG 3313
Qy 3051 GCGTTTCTCTCCTGAGCATCATTTAATGAGTGTGACTGTTTCTTCTTTGATAAATGAAGG 3110
Db 3314 TCTCTCTCTCTTGTGTAGGCTGATAAACAAGCTTTGTT--TTCCTTTGAGTGTTCATGG 3371
Qy 3111 CTTTGTAGTTTAAATGTGAAGCCAGTCTCTGTTTATAGAACTAATATCTAGACATG 3170
Db 3372 CTTTGAGATTTTACAGTGTCTGCCAGTCTTGT--TAGAGGGTTTGTACCTTGACACC 3429
Qy 3171 GAGGGCTGAATGTTAGCATGCCACAGCAAGGCATGCTTTACACATCTTGTCTTAAATAAT 3230
Db 3430 TGGGCTTGGATGTAGCATGCCAAGGCCACACACTTCTGAATGCCCTGTGTAAAGGTTAT 3489
Qy 3231 TACTGATTTTCATCTTGTCTTGTCTTTAGAAAGTGAAGTGTGAGAGAGGAATCTCA 3290
Db 3490 TATTCAATTACT-----TTGTCTTTTGAAGGTGAAGTGTGTGTGAAGAAGAACTCA 3541

RESULT 8

US-09-354-243B-29
; Sequence 29, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (Tifs)
; FILE REFERENCE: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 29
; LENGTH: 5935
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-29

Query Match 13.6%; Score 650; DB 4; Length 5935;
Best Local Similarity 56.5%; Pred. No. 2.1e-172;
Matches 1863; Conservative 0; Mismatches 1285; Indels 152; Gaps 29;
Qy 29 CTCCTTCCCGAGTCACAGTGTCTCGAGTTAGAAATGTTCTGCAATGGCGCCCTGCGAGAA 88
Db 356 CTCCTCTCTCAGTTATCAACTTTTGACACTTGTGCGATCGGTGATGGCTGTCTGCGAGAA 415
Qy 89 ATCTGTGAGCTCTTTCTTATGGGACCTCTGGCCACAGCTGCTCTCTCTCTCTGTCCTCT 148
Db 416 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCCAGCTGCTGCTCTCAATGCTCT 475
Qy 149 CTGGGTACAGGAGGACAGTGGCGCCATCAGTCTCCATCGAGGCTTGAACAAGTCCAA 208
Db 476 GTGGGCCCCAGGAGGCAATCGCTGCCATCAACACCCGGTGAAGCTTGAAGTGTGCCAA 535
Qy 209 CTTCCAGAGCCCTATATCAACACCGCCTCTCATGCTGGTGAAGAGGTATACATCTC 268
Db 536 CTTCCAGAGCCGTACATCTGACACCGCCTCTTATGCTGCGCCAGAGGATCAGCTGCA 595
Qy 269 AATCTGCTCTTCTCTGAGTACTTCTGGAATCCAAATAGTCTTAAACTTTCTTCA 328
Db 596 TCTCTTCTCTCCATACCGCTTCCCATTTCTCTGAAGCACTTGCATACTCTTTAGGGG 655
Qy 329 GAGCATCTCTAAGAGCTTTAGGAACCCACTGTTTATCCCTGAGGGTATAGATAATTTCTG 398

Db 656 GCTTTATCTCGCAGGCTCTCACTACCTATGTTTCTGTCT-----CTTTAGAG 703
Qy 389 TTTTTCAGAGACTCTTTGGGAATCTGGCTTTTCTTTTCTTTTCTTTGAACTTCTTCTTCCAT 448
Db 704 ACTCTTTAAGAGCTGGATCTTTTCTATTTCTATTTTCAAGGTCTCAGAGCAATTTCTAT 763
Qy 449 TTTGCGCTTTATGATACATATGATGAATTTTCCAAAGAGCGGCCCATTCAGTAATCCAT 508
Db 764 CTTGCGCTTTCAGGACACATATCTGAATTTTATCTACAGAGGCGGTTT--AGAAAGCCA 821
Qy 509 CTGATGATTTTCTTCTTATGCTCTGTCATTTGTTCTTAACTCATGACACATCTG 568
Db 822 CCCAGACTGCAATCTTCCATCTCTGTTGCTCTCTTCTGAATCATATCTTCTTGGC 881
Qy 569 AATCTGCTTTTCTTATGATGTTGCTCTGGGAGAGCGGATGGGACATCTGCTAT 628
Db 882 TACTC-----CTGAGACCCACTGGGACATACATCTCTAC 916
Qy 629 GTATAAATTTTCTTATTTGCTCAATGTCAGACCTTAGTCTTTTCTTCTTCTTCCAG 688
Db 917 TTACAGGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 975
Qy 689 GCTAGCTTGGCTGATAACAACACAGAGCTTCTCTCAATGCGGAGAACTTGTCCACGGA 748
Db 976 CCCAGCTTTCAGATTAACAACAAGAGCTCGGCTCATCGGAGAGAACTTGTTCGAGGA 1035
Qy 749 CTCAGTGTAACTACAGTGTGACGAACAGGCGCTGTGCGTCCATGGGTACTTGGGT 808
Db 1036 GTCAGTGTAACTCTCTCACTGTGATGAGCAGGCT-----TAGCTGCGGAGCT 1082
Qy 809 GGTGATGATGATGTTTGTAGTCTTATCCCTTATGACCTTCTGTTTCCCTTCCACCTGC 868
Db 1083 GGTGACCTCTGCGATAG-----TCTGACGTATGACCTTCTGCTCTTCTTGTCTTACCTGC 1138
Qy 869 AGATGAGTGAGCGCTGTCTATCTGATGAAGCAGGTGTGAACTTCAACCTTGAAGAGTGC 928
Db 1139 AGGCTAAGGATCAGTCTACCTGATGAAGCAGGTGTCTCAACTTCACTTGAAGACATTC 1198
Qy 929 TGTTCCTCAATCTGATAGTTCAGGCTTATATGAGGAGGTGGTCCCTTCTGCGCA 988
Db 1199 TGCTCCCCCAGTCAGACAGGTTCCGGGCCCTACATGCAAGAGGTGGTCCCTTCTGACCA 1258
Qy 989 GGCTCAGCAACAGGCTTAAGCAGCATGTGTAACTTCAAGCTCTCAGCTTATGCCACTTACCC 1048
Db 1259 AACTCAGCAATCAGCTCAGCTCTCTGTGATGCTGCTCTGCTACCTATGCTCTCTCT 1318
Qy 1049 CTCCTTCCCTCTTCCACAGAGACCCCTTACCCAACTCTCTCTCTCTCTCTCTCTCTCTCC 1108
Db 1319 CTTCTCTCTTCTTATTCAGTAAGAACCCGAGGCTCTGCCCTCTCTCTCTCTTCTTCAAGAGTGA 1378
Qy 1109 TAAGCTAGCAGGAAGAGTGTCTTGGCAGCAGTGTATATCAGGAGTCA-----TTTGGG 1161
Db 1379 GGAGGCTCAGCACCACCACCATCATAGGCCATTTGAATAGTCTCAAGGCTTTGGC 1438
Qy 1162 ATCATAGAGTATTTCTTTTCTTGTAGTCACTCATCTTGAATTTATAGTGTGTAATG 1221
Db 1439 TTTCAATTCAGTAATCTTGTAGTTTGTATTTAGTTTAAAGCTTTATTTTATCTTCAAGGAA 1498
Qy 1222 GGGTCTGAACTTAAGTGTACAGAGCGGCTTGTGTTGTTCTCGGAAAGGCAACTC 1281
Db 1499 AGAAATCAACTCAATCTCTAGGATGAGAAAGATGTTGGAAACGAAAGGCTTAGAT 1558
Qy 1282 AGGTTGCGTAA--GATGAGAAAGTGTGGGAAACATCTAGCTGTGGAAATGATCTCA 1338
Db 1559 AGAGAAACAGATCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1618
Qy 1339 TTGAGTCTAAGTGTGAGGAGGAGGATGCGATGAGAGAAATAGAGAGAAAGTGGG 1398
Db 1619 CTGAGTCCAACTACTTGTGAGAGAGAAATCCACTGAGTACAGTACTTGTGGGGGAGG 1678
Qy 1399 AAATGGGAGGCTTAAAGTGGTGGTGGGCTGAGACTGTTGCC-----TGTTGA 1450

FILE REFERENCE: LUD 5543
CURRENT APPLICATION NUMBER: US/09/178,973B
CURRENT FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
US-09-178-973B-9

Query Match 2.7%; Score 127.6; DB 3; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCGAGTCACCAAGTGTCTCGAGTTAGAAATGCTGCAATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGGACCCCTGGCCACCAGCTGCTCCTCTCTTTGGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCCAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCGCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCATCAACACCCGCTGCAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258
DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGGCCAGGAGG 236

RESULT 13

US-09-419-568F-9
Sequence 9, Application US/09/19568F
Patent No. 6331613

GENERAL INFORMATION:

APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (TIFs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:

US-09-419-568F-9

Query Match 2.7%; Score 127.6; DB 4; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCGAGTCACCAAGTGTCTCGAGTTAGAAATGCTGCAATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGACCCCTGGCCACCAGCTGCTCCTCTCTTTGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCCAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCGCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCATCAACACCCGCTGCAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258

DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGGCCAGGAGG 236

RESULT 14

US-09-354-243B-9
Sequence 9, Application US/09/354243B
Patent No. 6359117

GENERAL INFORMATION:

APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (TIFs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.1
CURRENT APPLICATION NUMBER: US/09/354,243B
CURRENT FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
LENGTH: 1111
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:

US-09-354-243B-9

Query Match 2.7%; Score 127.6; DB 4; Length 1111;
Best Local Similarity 72.2%; Pred. No. 1.2e-25;
Matches 166; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

QY 29 CTCCTTCCCGAGTCACCAAGTGTCTCGAGTTAGAAATGCTGCAATGCGCCCGCTGCAGAA 88
DB 7 CTCCTCTCAGTTATCACTTTTGACACTTTGCGATCGGTGATGCTGCTCTCATTTGCCCT 66
QY 89 ATCTGTAGCTCTTTCCCTTATGGGACCCCTGGCCACCAGCTGCTCCTCTCTTTGCCCT 148
DB 67 ATCTATGAGTTTTCCTTATGGGACTTTGGCGCCAGCTGCTCTCTCATTTGCCCT 126
QY 149 CTTGGTACAGGAGGAGCAGTGGCGCCATCAGCTCCCATGCAAGCTTGACAAGTCCAA 208
DB 127 GTGGGCCAGGAGCAATGCGTGGCCATCAACACCGGTCGCAAGCTTGAGGTGCCAA 186
QY 209 CTTCCAGAGCCCTATATCAACACCGCACTTTCATGCTGGCTAAGGAGG 258
DB 187 CTTCCAGAGCCGTACATCGTCAACCGCACTTTATGCTGGCCAGGAGG 236

RESULT 15

US-09-178-973B-7
Sequence 7, Application US/09/178973B
Patent No. 6274710

GENERAL INFORMATION:

APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
TITLE OF INVENTION: (TIFs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543
CURRENT APPLICATION NUMBER: US/09/178,973B
CURRENT FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 7
LENGTH: 1119
TYPE: DNA
ORGANISM: Mus musculus

US-09-178-973B-7

Query Match 2.6%; Score 126; DB 3; Length 1119;
Best Local Similarity 71.7%; Pred. No. 3.4e-25;
Matches 165; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

